

FEDERAL EXPRESS

Marathon Petroleum Company LP

1300 South Fort Street Detroit, MI 48217 Telephone 313/843-9100

July 24, 2012

Ms. Wilhelmina McLemore MDEQ – Air Quality Division Cadillac Place 3058 West Grand Boulevard Suite 2-300 Detroit, MI 48202



RE: Second Quarter 2012 Leak Detection and Repair, Wastewater VOC, and Benzene Waste NESHAP Certification and Compliance Report

Dear Ms. McLemore:

This report is being submitted by the Michigan Refining Division of Marathon Petroleum Company LP (MPC) to fulfill the requirements of:

- The fugitive and wastewater VOC emissions monitoring program for the second quarter of 2012. This report is required by Michigan Air Rule 622, U.S. EPA's New Source Performance Standards (NSPS), and the National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries. In addition, this report contains information required by Paragraph 200iic of the First Modification to the November 2005 First Revised Consent Decree (CD), United States of America et. al. v. Marathon Petroleum Company LP (MPC) (Civil Action No. 4:01CV-40119-PVG), lodged February 7, 2008 and entered on March 31, 2008.
- The Benzene Waste NESHAP Subpart FF Certification and Compliance report for the second quarter of 2012. This report is required by 40 CFR 61 Subpart FF and Paragraph 18.P.ii.b of the Consent Decree.

The attached tables include information necessary for compliance with these requirements.

Table 1 lists MPC process units (NSPS VV Section 60.487 (c)(1)) and summarizes the process unit shutdowns that occurred during this quarter (NSPS VV Section 60.487 (c)(3)). Table 1 also includes the approximate number of components present in each unit at the beginning and ending of the reporting period (NSPS VV Section 60.487(c)(4)).

Table 2 lists the components found leaking and an exceedance summary for various pieces of control equipment or treatment processes during this quarter and the dates of repair (NSPS VV Section 60.487(c)(2) and 40 CFR 61.357(d)(7)).

Table 3 lists leaking components on delay of repair (NSPS VV Section 60.487(c)(2)). This information is also required by Paragraph 20.O.ii.c.2.f of the CD.

Table 4 includes information satisfying NSPS Subpart QQQ (Section 60.698(c)) requirements.

This table summarizes drain and junction box inspections that identified seals with low water level or other problems that could result in VOC emissions. In addition, subsequent corrective actions and/or repairs are identified. All required inspections for the QQQ standards have been completed as required.

Table 5 presents measures that MPC took to satisfy Paragraphs 20.O.ii.c.1 and 18.P.ii.b of the CD.

Table 6 lists specific monitoring information as required per Paragraph 20.O.ii.c.2.a-e of the CD.

Table 7 contains the certification that all of the required inspections have been carried out in accordance with the requirements of 40 CFR 61.357(d)(6).

Table 8 contains the exceedance summary for various pieces of control equipment or treatment processes as required in 40 CFR 61.357(d)(7) and 40 CFR 60.692-5(e)(5).

Table 9 contains the End of Line calculation as required per Paragraph 18.K.iii and 18.P.ii.b of the CD. The refinery received written approval of the End of Line Sampling Plan on March 8, 2010.

Table 10 includes information satisfying Benzene Waste NESHAP Subpart FF (Section 61.357(d)(8)) requirements.

This table summarizes all inspections required by 40 CFR 61.342 through 61.354 during which detectable emissions are measured or a problem that could result in benzene emissions is identified. Additionally, subsequent corrective actions and/or repairs are identified.

Ms. McLemore July 24, 2012 Page 3

Please contact Ms. Kristen Schnipke (313) 297-4750 or Mr. Greg Shay (313) 297-6115 if you have any questions concerning this submittal.

Sincerely,

Marathon Petroleum Company LP

By: MPC Investment LLC, General Partner

Mr. C.T. Case, Deputy Assistant Secretary

Attachments

cc: U.S. EPA, Director of Regulatory Enforcement c/o Matrix Environmental and

Geotechnical – Federal Express

Air and Radiation Division, U.S. EPA Region 5 – Federal Express Office of Regional Counsel, U.S. EPA Region 5 – Federal Express

MICHIGAN DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT AIR QUALITY DIVISION

REPORT CERTIFICATION

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Natural Resources and Environment, Air

Quality Division upon request.

Source Name Marathon Petroleu	m Company LP			County Wayne	
Source Address 1300 South Fort			City	Detroit	
AQD Source ID (SRN) A9831	ROP No.	199700013c		ROP Section No.	01
Please check the appropriate box(es):				THE RESIDENCE OF THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO	
☐ Annual Compliance Certification	(Pursuant to Rule 213(4)	(c))			
Reporting period (provide inclusive of		То			
 1. During the entire reporting periterm and condition of which is ider method(s) specified in the ROP. 	od, this source was in con ntified and included by this	ppliance with ALL ter reference. The met	rms and cor hod(s) used	nditions contained in I to determine comp	n the ROP, each oliance is/are the
2. During the entire reporting peterm and condition of which is ide deviation report(s). The method unless otherwise indicated and de	entified and included by thused to determine complia	iis reference, EXCE nce for each term ar	PT for the o	deviations identified	on the enclosed
Semi-Annual (or More Frequent)	Panart Cartification /Du	remant to Pule 213/	3)(c))		
Semi-Annual (or More Prequent)	Report Certification (Fu	Isualit to Rule 213(3)(0))		
Reporting period (provide inclusive 1. During the entire reporting per deviations from these requirement	riod, ALL monitoring and a	To ssociated recordkee nditions occurred.	ping require	ements in the ROP	were met and no
 2. During the entire reporting per deviations from these requiremen enclosed deviation report(s). 	iod, all monitoring and ass ts or any other terms or co	ociated recordkeepii nditions occurred, E	ng requirem XCEPT for t	ents in the ROP we the deviations ident	ere met and no ified on the
○ Other Report Certification		OCHIONACI WARRANGO COMPANIA CARA		AMERICAN DE LA PROPERTIE DE L'ARTICLE DE L'A	
Reporting period (provide inclusive	dates): From 4/1/	2012 To	6/30/2	012	
Additional monitoring reports or other				as described:	
Second Quarter Leak Detec	ction and Repair, Be	nzene Waste NES	HAP and	QQQ Report	
			-		
I certify that, based on information and supporting enclosures are true, accurate			statements	and information in	this report and th
C.T. Case	its General Pa	ortner ant Secretary		(313)	843-9100
Name of Responsible Official (print or t		Title		Phone	Number
WIC	10			71	125/12
Signature of Responsible Official		<u> </u>			Date
* Photocopy this form as needed.				EQP	5736 (Rev 2-10)

Table 1 Component Summary - Second Quarter Quarter 2012 Michigan Refining Division

				Appro	ximate Numbe	er of Compon	ents		
Complex	Unit	Description	Pu	mps	Valves		Compressors		Dates of Shutdown
Compien		500 50 VAS CAL \$20 CASAAA	3/31/2012	6/30/2012	3/31/2012	6/30/2012	3/31/2012	6/30/2012	
	4	Vacuum Unit	5	5	459	564	2	2	
1 1	5	Crude Unit	32	32	2,136	2,300	0	0	
	29	Wastewater Plant	16	18	729	852	0	0	
	7	Distillate Hydrotreater Unit	20	21	1,300	1,414	3	3	
2	8	Gas Oil Hydrotreater Unit	5 -	5	1,562	1,707	2	2	
	9	Alkylation Unit	29	30	2,063	2,081	1	1	
	11	Fluid Catalytic Cracking Unit	6	6	490	483	0	0	
3	13	Propylene Unit	9	9	692	698	3	3	
	12 21	Gas Con/SATS Depropanizer/Treaters	27	27	1,982	2,160	1	1	
	14	Continuous Catalytic Reformer Unit	14	14	2,071	2,071	2	2	
4	16	Naphtha Hydrotreater Unit	23	23	1,743	1,971	0	0	
	19	Kerosene Hydrotreater Unit	8	8	685	691	1	1	
	1	Crude Tank Farm	24	24	829	811	0	0	
5	2	LPG Tank Farm	20	20	2,152	2,150	0	0	
	3/4	CP/Melvindale Tank Farms	26	26	1,560	1,538	0	0	
	38	Rouge Terminal	NA	2	NA	50	0	0	
		Light Products Terminal	18	15	888	808	0	0	

Table 2 Leakers Detected During Second Quarter 2012 Michigan Refining Division

	r		T	*	Date Leak	
Month	Complex	Unit	VOC Tag I.D.	Component Type	Detected	Date of Repair*

SEE ATTACHED TABLE

*R/D = Repair Delay

S/D = Shutdown Required



MARATHON - DETROIT 1300 SOUTH FORT STREET DETROIT, MI 48217

07/12/2012

LEAKING EQUIPMENT LOG

Process U	nit: 01 Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
1634	VALVE/ ORBIT	8.00	MANNINO PIT SW OF TK 40	05/01/2012	M21	16900 PPM	VLV-PKG	05/01/2012	VLV-CP	9235.00	
				05/01/2012		9235 PPM		05/01/2012	VLV-TP	1500.00	
				05/01/2012		1500 PPM		05/02/2012	VLV-INJ	194.00	
				05/02/2012		194 PPM					05/02/2012
2192 PUMP	PUMP	0.00	W of carbon can station 11 in	API 03/27/2012	M21	29100 PPM	PMP-SEAL	03/27/2012	PMP-WS	10200.00	
				03/27/2012	M21	10200 PPM		03/27/2012	PMP-WS	0.00	
				03/27/2012	VIS	F		03/28/2012	PMP-WS	16.00	
				03/28/2012	M21	16 PPM					
				04/03/2012	255522	Р					04/03/2012

	Process Unit 01 Sur	nmary	
	Component Count	Leak Count	
Total in Group	2	2	
Total Valves	1	1	
Total Pumps	1	1	
Total Compressors	0	0	
Total Relief Valves	0	0	
Total Connectors	0	0	
Total Agitators	0	0	
Total Other Equipment	0	0	

Program: NSPS-VV

Process L	Jnit: 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2366	VALVE/ BALL	3.00	15FT SW OF TK98 @UG-5-00	9 DOT LINE ***	Placed o	n Delay for Turnard	ound on 05/02/	2012			
				05/16/2012	VIS	F	VLV-PKG	05/16/2012	VLV-CL	18500.00	
				05/16/2012	M21	18500 PPM					
				05/16/2012	M21	38100 PPM		06/11/2012	VLV-CL	17400.00	
				06/11/2012	M21	17400 PPM					
				06/11/2012	M21	6420 PPM					
2725	VALVE/ ORBIT	2.00	TOP OF TK190. N SIDE OF C	CATWALK, W							
				06/05/2012	M21	29600 PPM	VLV-PLUG	06/05/2012	VLV-CL	2610.00	
				06/05/2012	M21	2610 PPM					06/05/2012
2826	VALVE/ CHECK	3.00	N SIDE OF TK 99 @ BTM.	06/06/2012	MO4	43200 PPM	VLV-PKG	06/06/2012	VLV-CL	17500.00	
				06/06/2012	M21	252300	VLV-FKG		VLV-CL VLV-TPL	110.00	
				06/06/2012	M21	17500 PPM		06/06/2012	G G	110.00	
				06/06/2012	M21	110 PPM			5.5		06/06/2012
3109	VALVE/ CHECK	4.00	BTM SSD OF TK 92 7FT E OF	TK 91		=>///[2/					
				05/16/2012	M21	16800 PPM	VLV-PLUG	05/16/2012	VLV-CL	21900.00	
				05/16/2012	M21	21900 PPM		05/17/2012	VLV-TPL G	280.00	
				05/17/2012	M21	280 PPM					05/17/2012
3135	VALVE/ ORBIT	4.00	BTM SESD OF TK 94 7FT E C	DF TK 93			,,				
				06/12/2012	M21	44500 PPM	VLV-PKG	06/12/2012	VLV-CL	1324.00	
				06/12/2012	M21	1324 PPM					06/12/2012
3412	VALVE/ GATE	0.75	SSD OF BULLET 93 1FT SW SMPL STATION 10FT E OF B								
				06/12/2012	M21	19700 PPM	VLV-BON	06/12/2012	VLV-CL	129600.00	
				06/12/2012	M21	129600 PPM		06/12/2012	VLV-RGS K	6.00	
				06/12/2012	M21	6 PPM					06/12/2012
3889	VALVE/ ORBIT	6.00	TOP OF TK87 W SDE	30							

Program: NSPS-VV

Tag Number											
-	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
3889	VALVE/ ORBIT	6.00	TOP OF TK87 W SDE								
				05/16/2012	M21	10600 PPM	VLV-PKG	05/16/2012	VLV-CL	2978.00	
			and the same of th	05/16/2012	M21	2978 PPM					05/16/2012
3958	PUMP	0.00	22P87 12' W OF TK80								
				05/31/2012		F	PMP-SCR	05/31/2012	PMP-TFI	0.00	
				06/01/2012	VIS	F		06/01/2012	PMP-WS E	10000.00	
				06/01/2012	M21	10000 PPM		06/04/2012	PMP-TFI	0.00	
				06/04/2012	VIS	F					
				06/11/2012	VIS	Р		06/12/2012	PMP-SEJ	4.00	
				06/12/2012	M21	4 PPM					06/12/2012
3997 PUMP	PUMP	0.00	PUMP 22P85 12' W OF TK80	06/18/2012	M21	106700	PMP-SEAL	06/18/2012	PMP-WS	13500.00	
						PPM			E		
				06/18/2012	M21	13500 PPM		06/19/2012	PMP-WS E	17000.00	
				06/19/2012	M21	17000 PPM		06/27/2012	PMP-WS E	0.00	2
				06/27/2012	VIS	F		07/02/2012	PMP-SEJ	0.00	
				07/02/2012	VIS	Р	-				100
				07/02/2012	M21	42 PPM					07/02/2012
4052	VALVE/ ORBIT	6.00	S SIDE TK82 TOP BLK								
				06/14/2012	M21	11800 PPM	VLV-PKG	06/15/2012	VLV-TP	0.00	
				06/15/2012	VIS	Р					
				06/15/2012	M21	97 PPM			10-01-M-2-1-1-1		06/15/2012
4061	VALVE/ ORBIT	6.00	S SIDE TK83 TOP BLK								
				04/18/2012	M21	19700 PPM	VLV-PKG	04/18/2012	VLV-CL	30800.00	
				04/18/2012	M21	30800 PPM		04/19/2012	VLV-TP	20.00	
				04/19/2012	M21	20 PPM					04/19/2012

Program: NSPS-VV

Process L	Init : 02										
					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
4061	VALVE/ ORBIT	6.00	S SIDE TK83 TOP BLK								
				05/16/2012	VIS	F	VLV-PKG	05/16/2012	VLV-CL	15400.00	
				05/16/2012	M21	15400 PPM				-30.	
				05/16/2012	M21	18700 PPM		05/17/2012	VLV-TP	6.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
				05/17/2012	M21	6 PPM					
				05/17/2012	VIS	Р					05/17/2012
4233	VALVE/ BALL	0.50	TK 82 S SIDE OVHD BV @SG	3		10 200-20					
				06/18/2012	M21	18700 PPM	VLV-PKG	06/19/2012	VLV-TP	17.00	
				06/19/2012	M21	17 PPM					06/19/2012
4402	PUMP	0.00	RK 3 WEST ISLAND 99P33		N						
				05/16/2012	M21	15400 PPM	PMP-SCR	05/17/2012	PMP-TFI	490.00	
				05/17/2012	M21	490 PPM					05/17/2012

	Process Unit 02 Sur	nmary	
	Component Count	Leak Count	
Total in Group	13	14	
Total Valves	10	11	
Total Pumps	3	3	
Total Compressors	0	0	
Total Relief Valves	0	0	
Total Connectors	0	0	
Total Agitators	0	0	
Total Other Equipment	0	0	

Program: NSPS-GGGA

Process U	Init: 04										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
32455	VALVE/ NEEDLE	0.50	4V40 S EL 6' BTM NV	06/07/2012	M21	861 PPM	VLV-GAUG E	06/07/2012	ATTB	711.00	
				06/07/2012	M21	711 PPM		06/07/2012	VLV-TCO N	12.00	
				06/07/2012	M21	12 PPM					06/07/2012

	Process Unit 04 Sur	nmary
	Component Count	Leak Count
Total in Group	1	1
Total Valves	1	ì
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-VV

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
1-00839	VALVE	3.00	W OF 5H1 CRDE HTRFUEL CNTRL LP 5FV220	DEBUT OH							
				06/05/2012	M21	48800 PPM	VLV-PKG	06/06/2012	VLV-TP	800.00	
				06/06/2012	M21	800 PPM		06/06/2012	VLV-INJ	4.00	
				06/06/2012	M21	4 PPM					06/06/2012
1-00848	VALVE	3.00	W OF 5H1 CRDE HTR DEBU 5P1 PMPS	JT OH MANIF N OF							
				06/05/2012	M21	12800 PPM	VLV-PKG	06/05/2012	ATTB	9027.00	
				06/05/2012	M21	9027 PPM					06/05/2012
29469	VALVE/ CTRL	4.00	W OF 5H1 CRDE HTR FUEL 5PC0581	GAS CNTRL LP							
				06/05/2012	M21	11500 PPM	VLV-PKG	06/15/2012	VLV-TP	50.00	
				06/15/2012	M21	50 PPM					06/15/2012
29747	VALVE	1.50	SE CNTRL ROOM 5V5 DEBI END SG TOP INLET	JT RBLR TOP E							
				06/08/2012	M21	72400 PPM	VLV-PKG	06/19/2012	VLV-TP	8.00	
				06/19/2012	M21	8 PPM					06/19/2012

	Process Unit 05 Sun	nmary	
	Component Count	Leak Count	
Total in Group	4	4	
Total Valves	4	4	
Total Pumps	0	0	
Total Compressors	0	0	
Total Relief Valves	0	0	
Total Connectors	0	0	
Total Agitators	0	0	
Total Other Equipment	0	0	

Program: NSPS-VV

Process C	Jnit: 07										
Tag Number	Part / Type	Size	Location M	Ionitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2-01144	PUMP	0.00	7P28 UNDER 7V58 SOUTH SIDE	the second stape of the						D. 2004	
				04/04/2012	VIS	F		04/04/2012	PMP-WS E	0.00	
				04/05/2012	VIS	P	3(4)		nesses.		
				04/12/2012	VIS	Р					
				04/12/2012	M21	0 PPM					04/12/2012
2-01149	PUMP/ CENTRIF	0.00	7P11 RECONTACTING PUMP-07	7-07							
				04/04/2012	VIS	F	PMP-SEAL	04/04/2012	PMP-WS E	10000.00	
			_	04/05/2012	M21	10000 PPM		04/05/2012	PMP-ST M	0.00	35
			_	04/10/2012	VIS	Р		04/10/2012	PMP-SEJ	113.00	
			_	04/10/2012	M21	113 PPM					04/10/2012
2-01149	PUMP/ CENTRIF	0.00	7P11 RECONTACTING PUMP-07	22,000,000,000	2000-74	113 PPM n Delay for Turnard	ound on 05/02/	2012 Remove	d From Turn	around List or	
2-01149		0.00	7P11 RECONTACTING PUMP-07	22,000,000,000	* Placed or			2012 Remove 04/18/2012			
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 **	* Placed or	n Delay for Turnard			PMP-WS		
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 ** 04/18/2012	* Placed on VIS VIS	n Delay for Turnard F			PMP-WS		
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 ** 04/18/2012 05/02/2012	VIS VIS VIS	n Delay for Turnard F			PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	04/18/2012 05/02/2012 05/10/2012	VIS VIS VIS VIS VIS	P		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	04/18/2012 05/02/2012 05/10/2012 05/15/2012	VIS VIS VIS VIS VIS VIS VIS	P P		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 ** 04/18/2012 05/02/2012 05/10/2012 05/15/2012 05/22/2012	VIS VIS VIS VIS VIS VIS VIS VIS VIS M21	P P		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 *** 04/18/2012 05/02/2012 05/10/2012 05/15/2012 05/22/2012	VIS	P P S.77 PPM		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 *** 04/18/2012 05/02/2012 05/10/2012 05/15/2012 05/22/2012 05/22/2012 05/24/2012	VIS	P P P 3.77 PPM P		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 ** 04/18/2012 05/02/2012 05/10/2012 05/15/2012 05/22/2012 05/22/2012 05/24/2012 05/29/2012	VIS	P P 3.77 PPM P		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 *** 04/18/2012 05/02/2012 05/10/2012 05/15/2012 05/22/2012 05/24/2012 05/29/2012 06/05/2012	VIS	P P 3.77 PPM P P		04/18/2012	PMP-WS E	0.00	
2-01149		0.00	7P11 RECONTACTING PUMP-07	7-07 ** 04/18/2012 05/02/2012 05/10/2012 05/15/2012 05/22/2012 05/22/2012 05/24/2012 05/29/2012 06/05/2012 06/12/2012	VIS	P P 3.77 PPM P P P		04/18/2012	PMP-WS E	0.00	

Program: NSPS-VV

					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
				07/02/2012	VIS	Р					
				07/10/2012	VIS	Р					
20194	PUMP	0.00	7P115 N OF 7T31	06/19/2012	VIS	F	PMP-SCR	06/19/2012	PMP-UR M	6.33	
				06/20/2012	M21	6.33 PPM		06/20/2012	PMP-WS E	0.00	
				06/20/2012	VIS	Р					
				06/27/2012	VIS	Р	\$5				06/27/2012

	Process Unit 07 Sur	nmary	
	Component Count	Leak Count	
Total in Group	3	4	
Total Valves	0	0	
Total Pumps	3	4	
Total Compressors	0	0	
Total Relief Valves	0	0	
Total Connectors	0	0	
Total Agitators	0	0	
Total Other Equipment	0	0	

Program: NSPS-VV

Process U	Init : 08										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
08777	RELIEF/ PR-CVS	1.50	L1/7 WEST OF FINFANS ON RECYCLE DISC 2. 08PSV681		Placed or	n Delay for Turnard	ound on 02/29/	2012			
				02/16/2012	M21	1637 PPM	REL-SEAT	02/16/2012	VLV-NM	1465.00	
				02/16/2012	M21	1465 PPM					
				04/18/2012	M21	8836 PPM		04/18/2012	REL-WS EAL	7889.00	
				04/18/2012	M21	7889 PPM					
				05/03/2012	M21	18.09 PPM		06/22/2012	REL-WS EAL	10300.00	
				06/29/2012	M21	10300 PPM					
10032	VALVE/ GATE	0.75	CHARGE DRUM 8V1 TOP LET LOOP 108A	VEL CNTRL							
				05/03/2012	M21	35000 PPM	VLV-BON	05/04/2012	VLV-TBO N	143.00	
				05/04/2012	M21	143 PPM					05/04/2012
10316	VALVE/ CTRL	4.00	@ FUEL GAS LINE NE OF 8V VALVE # 08PC1794	17 @ CNTRL							
				05/03/2012	M21	55000 PPM	VLV-PKG	05/03/2012	VLV-CL	58900.00	
				05/03/2012	M21	58900 PPM		05/04/2012	VLV-TP	17.00	
				05/04/2012	M21	17 PPM					05/04/2012
10358	VALVE/ NEEDLE	0.25	8' EAST OF 8V17 @ SAMPLE	STATION							
				05/03/2012	M21	19700 PPM	VLV-PKG	05/03/2012	VLV-CL	20200.00	
				05/03/2012	M21	20200 PPM		05/04/2012	VLV-TP	2.00	
				05/04/2012	M21	2 PPM					05/04/2012

Program: NSPS-VV

Reporting Period 04/01/2012 - 06/30/2012

or and the second second		
Drococc	I lnit .	ΠS
Process	OHIL.	UU

Part Repair Test Repair Remonitor Date Leaking Reading Tag Number Part / Type Size Location **Monitor Date** Method PPM Reading Date Method Completed

	Process Unit 08 Sur	nmary
	Component Count	Leak Count
Total in Group	4	4
Total Valves	3	3
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	1	Ä
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-VV

					-					To the state of th	
Process L	Init : 09										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
09C1	COMPRESSOR	0.00	9C1 ALKY COMPRESSOR	***	Placed or	n Delay for Turnard	und on 11/23/	2009			
	CENTRIFUGE			11/12/2009	M21	11300 PPM	COM-CSE AL	11/17/2009	CMP-WO	15000.00	
				11/17/2009	M21	15000 PPM					
				12/29/2009	M21	4964 PPM					
				01/14/2010	M21	11245 PPM		01/14/2010	VLV-SEJ	9911.00	
				01/14/2010	M21	9911 PPM					
				02/03/2010	M21	10253 PPM		02/03/2010	VLV-SEJ	9856.00	
				02/03/2010	M21	9856 PPM					
				03/23/2010	M21	1563 PPM					
				04/30/2010	M21	155 PPM		-			
				05/23/2010	M21	331 PPM		06/30/2010	CMP-WO	1601.00	
				06/30/2010	M21	1601 PPM					
				07/15/2010	M21	178 PPM					
				08/24/2010	M21	53.8 PPM					
				09/29/2010	M21	164 PPM					
				10/06/2010	M21	208 PPM		11/30/2010	CMP-WO	2313.00	
				11/30/2010	M21	2313 PPM					
				11/30/2010	M21	3411 PPM		01/14/2011	CMP-WO	2404.00	
				01/14/2011	M21	2404 PPM					
				01/14/2011	M21	29.88 PPM					
				02/17/2011	M21	140 PPM					
				04/26/2011	M21	20.18 PPM	Y-2	·×			
				05/04/2011	M21	1748 PPM					
				06/20/2011	M21	1291 PPM					
				07/11/2011	M21	70.24 PPM		08/17/2011	CMP-WO	100000.00	
				08/17/2011	M21	100000 PPM					

Program: NSPS-VV

Process U	Init: 09										
Tag Number	Part / Type	Size	Location		Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				08/17/2011	M21	102000 PPM		09/29/2011	CMP-WO	75000.00	
				09/29/2011	M21	75000 PPM					
				09/29/2011	M21	198700 PPM		10/10/2011	CMP-WO	79400.00	
				10/10/2011	M21	79400 PPM					
				10/10/2011	M21	133200 PPM		11/30/2011	CMP-WO	110400.00	
				11/30/2011	M21	110400 PPM					
				11/30/2011	M21	124500 PPM		12/15/2011	CMP-WO	144900.00	
				12/15/2011	M21	144900 PPM					
				12/15/2011	M21	18800 PPM		01/03/2012	CMP-WO	17900.00	
				01/03/2012	M21	17900 PPM					
				01/03/2012	M21	207500 PPM					
				02/14/2012	M21	959 PPM		03/21/2012	COM-ST EAM	231600.00	
				03/21/2012	M21	231600 PPM					
				03/21/2012	M21	14700 PPM		04/04/2012	CMP-WO	73100.00	
				04/04/2012	M21	73100 PPM		11			
				04/04/2012	M21	84800 PPM					
				05/22/2012	M21	17500 PPM					
				06/22/2012	M21	2118 PPM					
14392	PUMP	0.00	6/0 9P1B	04/03/2012	VIS	F	PMP-SEAL	04/03/2012	PMP-WS E	36200.00	

Program: NSPS-VV

Process U	Init : 09			and the state of t				M			
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				05/24/2012	VIS	Р	30				05/24/2012
2-01941	PUMP	0.75	9P33 OFF OF 9V16	06/22/2012	M21	34700 PPM	PMP-SEAL	06/22/2012	PMP-WS	4460.00	
				06/22/2012	M21	4460 PPM					06/22/2012
2-01947	VALVE	0.75	PLTFRM ABOVE 9V16 @ S S	IDE OF 9V2 1/5	-		~~~~				
				04/03/2012	M21	10200 PPM	VLV-SCR	04/04/2012	VLV-TFIT T	3.00	
				04/04/2012	M21	3 PPM					04/04/2012
20225	PUMP	0.00	6/0 9P6	05/22/2012	VIS	F	PMP-TUB	05/22/2012	PMP-WS	26100.00	
				05/22/2012	M21	26100 PPM					
17				05/22/2012	M21	17300 PPM		05/23/2012	PMP-WS E	4500.00	
				05/23/2012	M21	4500 PPM					
				05/24/2012	VIS	Р					
				05/29/2012	VIS	Р					
				05/31/2012	M21	5 PPM		05/31/2012	PMP-SEJ		05/31/2012
21151	VALVE/ GATE	0.75	G/10 CNTLP 10FT N OF 9E35		1						****
			ia	04/05/2012	M21	28100 PPM	VLV-TUB	04/05/2012	VLV-CL	10400.00	75
				04/05/2012	M21	10400 PPM		04/09/2012	VLV-TCO N	45.00	
			28	04/09/2012	M21	45 PPM					04/09/2012
24110	VALVE/ BALL	0.00	SMPLSTAT 5FT N OF 9E35 RI KIND WITH TAG 33460	EPLACEMENT IN ***	Placed or	Delay for Turnard	ound on 01/23/2	2009 Remove	d From Turr	around List or	11/29/2010
				04/22/2009	M21	35600 PPM	VLV-BON	04/22/2009	VLV-TBO N	31100.00	
			9	04/22/2009	M21	31100 PPM		05/28/2009	VLV-TBO N	1260.00	

Program: NSPS-VV

Process U	Init : 09		The state of the s	A STATE OF THE STA	d spells a green at	O BRIDE Interior					
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				05/00/0000	1404	4200 DDM					
				05/28/2009		1260 PPM		20/20/2000	VIV TDO	610.00	
				06/29/2009	M21	623 PPM		06/29/2009	VLV-TBO N	610.00	
				06/29/2009	M21	610 PPM					
				07/16/2009	M21	3616 PPM		07/16/2009	VLV-TBO N	1267.00	
				07/16/2009	M21	1267 PPM			111		
				08/17/2009	M21	2294 PPM		08/17/2009	VLV-TBO N	2065.00	
				08/17/2009	M21	2065 PPM					
				09/14/2009	M21	5222 PPM		09/14/2009	VLV-TBO N	4830.00	
				09/14/2009	M21	4830 PPM					
				10/14/2009		4 PPM					
				11/20/2009	M21	46 PPM					
				12/10/2009	M21	46 PPM					
				01/12/2010	M21	189 PPM					
				02/02/2010	M21	3 PPM		03/23/2010	VLV-TBO N	774.00	923
				03/23/2010	M21	774 PPM					
				03/23/2010	M21	931 PPM					
				04/18/2010	M21	17.41 PPM					
				05/23/2010	M21	1531 PPM		06/30/2010	VLV-TBO N	2264.00	
				06/30/2010	M21	2264 PPM					
				06/30/2010	M21	1955 PPM		07/07/2010	VLV-TBO N	2815.00	
				07/07/2010	M21	2815 PPM		07/07/2010	VLV-TBO N	2730.00	
				07/07/2010	M21	2730 PPM					

Program: NSPS-VV

Process U	nit: 09										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Complete
				00/24/2040	Mod	144 PPM		09/21/2010	VIVCI	460.00	
				08/24/2010				09/21/2010	VLV-CL	460.00	
				09/21/2010		460 PPM					
				09/21/2010	C X S (F-S)C	156 PPM			\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2.00	
				10/03/2010		74.22 PPM		11/29/2010	VLV-RV	2.00	
				11/29/2010		2 PPM					
27200	VALVE/ BALL	0.25	SMPLSTAT 5FT N OF 9E35 KIND WITH TAG 33459	REPLACEMENT IN ***	* Placed or	Delay for Turnard	ound on 01/23/	2009 Remove	d From Turr	around List or	1 11/29/2010
				04/22/2009	M21	12500 PPM	VLV-BON	04/22/2009	VLV-TBO N	954.00	
				05/28/2009	M21	954 PPM	111111	05/28/2009	VLV-TBO N	986.00	
				06/29/2009	M21	986 PPM		06/29/2009	VLV-TBO N	900.00	
				06/29/2009	M21	900 PPM					
				07/20/2009	M21	16 PPM			X		
				08/17/2009	M21	36 PPM					
				09/14/2009	M21	37 PPM					
				10/14/2009	M21	42 PPM					
				11/20/2009	M21	43 PPM	0				
				12/10/2009	M21	41 PPM					
				01/12/2010	M21	21 PPM					
				02/02/2010	M21	3 PPM					
				03/23/2010	M21	46.49 PPM					
				04/18/2010	M21	52.12 PPM					
				05/23/2010		26.37 PPM					
				06/30/2010	M21	37.23 PPM		07/07/2010	VLV-TBO N	434.00	
				07/07/2010	M21	434 PPM					
				07/07/2010	5 may 7 may 5	64.78 PPM					

Program: NSPS-VV

Process L	Jnit: 09										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
		×		08/24/2010	M21	47.85 PPM					
				09/21/2010	1 140 0 to 150 0 to 1	181 PPM					
				10/03/2010	Z 23/51/5/A	19.44 PPM		11/29/2010	VLV-RV	4.00	
				11/29/2010	2	4 PPM		1112012010	35,75 (T 19.55)	MARKER	
30443	VALVE/ CTRL	1.00	TOP 9V18 NSDE 09PC0953		13.750	0.050.00 .05087			=		
				04/04/2012	M21	61300 PPM	VLV-PLG	04/04/2012	VLV-CL	48300.00	
				04/04/2012	M21	48300 PPM		04/05/2012	VLV-TP	3000.00	
				04/05/2012	M21	3000 PPM					04/05/2012
30985	VALVE/ CTRL	3.00	CENTRAL LOOP W OF 9V16								
				04/03/2012	M21	36200 PPM	VLV-PKG	04/03/2012	VLV-CL	30000.00	
				04/03/2012	M21	30000 PPM		04/11/2012	VLV-TP	88.00	
				04/11/2012	M21	88 PPM					04/11/2012
40027	PUMP	0.00	Btm. of 9v50 9P75	06/19/2012	VIS	F	PMP-CSEA L	06/19/2012	PMP-UR M	4.00	
				06/20/2012	M21	4 PPM		06/20/2012	PMP-WS E	13.03	
				06/22/2012	M21	13.03 PPM					
				06/27/2012	VIS	Р	1				06/27/2012
40167	VALVE/ ORIFIC	0.75	OVHD E OF 9V5								
				04/05/2012	M21	10000 PPM	VLV-PKG	04/05/2012	VLV-CP	3.00	
				04/16/2012	M21	3 РРМ		04/16/2012	VLV-TP		04/16/2012
40567	VALVE/ GATE	0.75	NWSDE 9V40 level 1 ovhd								
				04/05/2012	M21	40000 PPM	VLV-BON	04/05/2012	VLV-CL	44200.00	
				04/05/2012	M21	44200 PPM		04/09/2012	VLV-CL	77.00	
20				04/09/2012	M21	77 PPM					04/09/2012
41470	VALVE	3.00	CNTLP 10FT S 9V8	04/02/2012	M21	11000 PPM	VLV-PKG	04/02/2012	ATTB	16300.00	
				04/02/2012	M21	16300 PPM	VLV-1110	04/02/2012	Number	150.00	

Program: NSPS-VV

					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
				04/03/2012	M21	150 PPM					04/03/2012
41545	VALVE	0.75	L2/0 TOP OF 9V1A								
				04/03/2012	M21	28800 PPM	VLV-PLUG	04/03/2012	VLV-CL	10800.00	
				04/03/2012	M21	10800 PPM		04/04/2012	VLV-TPL	246.00	
									G		
				04/04/2012	M21	246 PPM					04/04/2012

	Process Unit 09 Sur	nmary
	Component Count	Leak Count
Total in Group	17	18
Total Valves	12	12
Total Pumps	4	5
Total Compressors	1	1
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-VV

Process L	Init: 12-21									W	
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Comple
24342	VALVE/ GATE	0.50	EL 7 FT 1 FT E OF 12P137 - REPLACEMENT IN KIND WIT		* Placed or	Delay for Turnard	ound on 08/31	/2007 Remove	ed From Turr	naround List or	11/23/20
				08/18/2007	M21	26200 PPM	VLV-SCR	08/18/2007	VLV-WO W	26200.00	
				08/18/2007	M21	26200 PPM					
				08/18/2007	M21	26200 PPM					
				09/27/2007	M21	14900 PPM			200	90. 3	
				10/31/2007	M21	801 PPM		÷			
				11/05/2007	M21	88000 PPM		11/05/2007	VLV-TPL G	60000.00	
				11/05/2007	M21	60000 PPM					
				11/29/2007	M21	60000 PPM					
				12/28/2007	M21	91 PPM		01/31/2008	VLV-TFIT T	4850.00	
				01/31/2008	M21	4850 PPM					
				02/07/2008	M21	1521 PPM		02/07/2008	VLV-TFIT T	2269.00	
				02/07/2008	M21	2269 PPM					
				05/29/2008	M21	35 PPM		S		W-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
				08/13/2008	M21	23 PPM					
				09/11/2008	M21	7 PPM					
				10/21/2008	M21	3642 PPM		10/21/2008	VLV-TPL G	584.00	o.
				10/21/2008	M21	584 PPM					
				11/24/2008	M21	128400 PPM		11/24/2008	VLV-TPL G	218400.00	
				11/24/2008	M21	218400 PPM	,	3323340			
				12/17/2008	M21	8 PPM					
				01/27/2009	M21	106 PPM			<u> </u>		
				02/05/2009	M21	991559		02/05/2009	VLV-TPL	990016.00	

Program: NSPS-VV

Process L	Jnit: 12-21										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
+			1			РРМ			G		
				02/05/2009	M21	990016 PPM			v		
				03/02/2009	M21	3552 PPM		03/02/2009	VLV-TFIT T	3421.00	
				03/02/2009	M21	3421 PPM					
				04/30/2009	M21	12 PPM					
				05/04/2009	M21	126200 PPM		05/04/2009	VLV-TPL G	124000.00	
				05/04/2009	M21	124000 PPM					2 - 1 - 2 - 2 - 1 - 1 - 1 - 1 - 1 - 1 -
				06/22/2009	M21	17 PPM					
				07/31/2009	M21	13 PPM					
				08/05/2009	M21	28 PPM		F70004444			
				09/23/2009	M21	78400 PPM		09/23/2009	VLV-TPL G	22300.00	
				09/23/2009	M21	22300 PPM					
				10/28/2009	M21	2017 PPM		10/28/2009	VLV-TPL G	4520.00	
				10/28/2009	M21	4520 PPM			9420990		
				11/17/2009	M21	21333 PPM		11/17/2009	VLV-TPL G	19884.00	
				11/17/2009	M21	19884 PPM					11-200-000
				12/30/2009	M21	14230 PPM		12/30/2009	VLV-TPL	18962.00	
				12/30/2009	M21	18962 PPM					
				01/26/2010	M21	11520 PPM		01/26/2010	VLV-TIG	8963.00	
				01/26/2010	M21	8963 PPM					
				02/02/2010	M21	51 PPM					
				03/10/2010	M21	19.46 PPM		04/14/2010	VLV-TPL G	4360.00	

Program: NSPS-VV

Process U	Init: 12-21			A SAME WAS ASSESSED.							
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				04/14/2010	M21	4360 PPM					
				05/12/2010	M21	8505 PPM					
				06/29/2010	M21	1.75 PPM		07/30/2010	VLV-TPL G	3443.00	
				07/30/2010	M21	3443 PPM		07/30/2010	VLV-TPL G	2148.00	Ří
				07/30/2010	M21	2148 PPM		08/17/2010	VLV-TPL G	27300.00	
				08/17/2010	M21	27300 PPM		08/17/2010	VLV-TPL G	15800.00	
				08/17/2010	M21	15800 PPM		09/24/2010	VLV-TP	897.00	
				09/24/2010	M21	897 PPM					
				09/24/2010	M21	187 PPM					
				10/09/2010	M21	58.74 PPM		11/23/2010	VLV-TP	2.00	
				11/23/2010	M21	2 PPM					
24343	VALVE/ GATE	0.50	EL 7 FT 1 FT E OF 12P137 - S REPLACEMENT IN KIND WIT		Placed on	Delay for Turnard	ound on 08/31/	2007 Remove	d From Turr	around List on	11/23/2010
				08/18/2007	M21	36300 PPM	VLV-PLUG				
				08/18/2007	M21	36300 PPM		08/18/2007	VLV-TPL G	36300.00	
				08/18/2007	M21	36300 PPM					
				09/27/2007	M21	156200 PPM					
				10/31/2007	M21	42000 PPM					
				11/05/2007	M21	89300 PPM		11/05/2007	VLV-TPL G	357400.00	
				11/05/2007	M21	357400 PPM					
				12/28/2007	M21	33900 PPM		12/28/2007	VLV-TPL G	13900.00	E.

Program: NSPS-VV

					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Complete
				12/28/2007	M21	13900 PPM		01/31/2008	VLV-TFIT T	24000.00	
				01/31/2008	M21	24000 PPM					
				02/07/2008	M21	30500 PPM		02/07/2008	VLV-TFIT T	58600.00	
				02/07/2008	M21	58600 PPM		03/31/2008	VLV-WO W	588600.00	
				03/31/2008	M21	588600 PPM					
				04/28/2008	M21	20500 PPM		04/28/2008	VLV-TPL G	14800.00	
				04/28/2008	M21	14800 PPM					
				05/29/2008	M21	133 PPM					
				06/26/2008	M21	12600 PPM		06/26/2008	VLV-TPL G	22000.00	
				06/26/2008	M21	22000 PPM					
				07/10/2008	M21	3 PPM				-50-	
				08/13/2008	M21	115 PPM					
				09/11/2008	M21	7 PPM					
				10/21/2008	M21	59500 PPM		10/21/2008	VLV-TPL G	84800.00	
				10/21/2008	M21	84800 PPM					
				11/24/2008	M21	149200 PPM		11/24/2008	VLV-TPL G	147000.00	
				11/24/2008	M21	147000 PPM			3110		
				12/17/2008	M21	10 PPM					
				01/27/2009	M21	35 PPM					
				02/05/2009	M21	855000 PPM		02/05/2009	VLV-TPL G	851999.00	

Program: NSPS-VV

Process U	nit: 12-21						and the second	***			
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				02/05/2009) M21	851999 PPM					
				03/20/2009	M21	544 PPM	37,000	03/20/2009	VLV-TGA UGE	753600.00	
				03/20/2009	M21	753600 PPM					
				04/30/2009	M21	24 PPM	***************************************				
				05/04/2009	M21	302186 PPM		05/04/2009	VLV-TPL G	168236.00	
				05/04/2009	M21	168236 PPM					*
				06/22/2009	M21	15 PPM					
				07/31/2009	M21	15 PPM					
				08/05/2009	M21	26300 PPM		08/05/2009	VLV-TPL G	8848.00	
				08/05/2009	M21	8848 PPM		HA			
				09/23/2009	M21	33900 PPM		09/23/2009	VLV-TPL G	2363.00	
				09/23/2009	M21	2363 PPM					
				10/28/2009	M21	948 PPM		10/28/2009	VLV-TPL G	1647.00	
				10/28/2009	M21	1647 PPM					
				11/17/2009	M21	66000 PPM		11/17/2009	VLV-TGA UGE	44569.00	
				11/17/2009	M21	44569 PPM					
				12/30/2009	M21	8200 PPM		12/30/2009	VLV-TPL	6415.00	*
				12/30/2009	M21	6415 PPM					71
				01/26/2010	M21	7233 PPM		01/26/2010	VLV-TPL	5122.00	
				01/26/2010	M21	5122 PPM					
				02/02/2010	M21	17 PPM					

Program: NSPS-VV

					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Complete
				03/10/2010	M21	18.99 PPM		04/14/2010	VLV-TPL G	20000.00	
				04/14/2010	M21	20000 PPM	-10				
				05/12/2010	M21	1317 PPM					
				06/29/2010	M21	185 PPM					
				07/28/2010	M21	73100 PPM		08/17/2010	VLV-TPL G	4321.00	
				08/17/2010	M21	4321 PPM	THE RESERVE	09/24/2010	VLV-TFIT T	3601.00	
				09/24/2010	M21	3601 PPM					
				09/24/2010	M21	2843 PPM					
				10/09/2010	M21	51.32 PPM		11/23/2010	VLV-RV	2.00	
				11/23/2010	M21	2 PPM				(4),-1-00 to	
24903	VALVE	3.00	12V10 LVL 1 CTRL LOOP S (OF HRAIL							
				05/23/2012	M21	15000 PPM	VLV-PKG	05/23/2012	VLV-TP	20000.00	
				05/23/2012	M21	20000 PPM		05/24/2012	VLV-TP	145.00	
				05/24/2012	M21	145 PPM					05/24/2012
24984	VALVE/ ORIFIC	0.50	ORFICE VLV 7FT N OF 12P1	65/166 8FT OVHD							
				05/22/2012	M21	92200 PPM	VLV-PKG	05/22/2012	VLV-CL	20700.00	
				05/22/2012	M21	20700 PPM		05/23/2012	VLV-TP	14.00	
				05/23/2012	M21	14 PPM					05/23/2012
26111	VALVE/ GATE	0.50	@ CNTRL LOOP N OF 12V5					- Concession			
				05/24/2012	M21	76100 PPM	VLV-SCR	05/24/2012	VLV-CL	5271.00	
				05/24/2012	M21	5271 PPM			244,12		05/24/2012
27650	PUMP	0.75	PUMP 12P145A								
				05/29/2012	VIS	F	PMP-SCR	05/29/2012	PMP-TFI	4.00	
				06/04/2012	M21	4 PPM		06/04/2012	PMP_RFI T		06/04/2012

Program: NSPS-VV

Process Un	iit	: 1	2-21
------------	-----	-----	------

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
3-00831	VALVE/ GATE	0.75	12P143B SUCT - BLDR							E Albert Hall-base Comm	
				05/23/2012		16900 PPM	VLV-PLUG	05/24/2012	VLV-TP	16.00	
				05/24/2012	M21	16 PPM					05/24/2012
3-01595	VALVE/ GATE	2.00	LVL 2 OF STRUCTURE @ 1 OF CONT LOOP	2E10 ON W SIDE							
				05/23/2012	M21	18100 PPM	VLV-PKG	05/23/2012	ATTB	52700.00	
				05/23/2012	M21	52700 PPM		05/24/2012	VLV-TP	165.00	
				05/24/2012	M21	165 PPM					05/24/2012
3-01822	VALVE/ GATE	3.00	1/1 21V3 REPLACEMENT IN 33424	08/21/2007		n Delay for Turnaro 184900 PPM	vund on 09/05/		d From Turr	naround List on 184900.00	11/23/2010
				08/21/2007	M21	184900 PPM					
				08/21/2007	M21	38000 PPM		08/28/2007	VLV-INJ	39000.00	
				08/28/2007	M21	39000 PPM		08/28/2007	VLV-INJ	38000.00	*****
				08/28/2007	M21	38000 PPM					d
				09/12/2007	M21	38000 PPM					
				10/31/2007	M21	1938 PPM					
				11/06/2007	M21	601 PPM		11/06/2007	VLV-TIG	1334.00	
				11/06/2007	M21	1334 PPM					
				11/29/2007	VIS	F					
				11/29/2007	M21	9520 PPM					
				12/07/2007	VIS	Р					191
				12/28/2007	M21	155 PPM		X			
				02/07/2008	M21	606 PPM		02/07/2008	VLV-TIG	789.00	7
				02/07/2008	M21	789 PPM					
				05/23/2008	M21	898 PPM		05/23/2008	VLV-TGA UGE	1833.00	
				05/23/2008	M21	1833 PPM					

Program: NSPS-VV

					Test		Part	Repair	Donnis	D	# 200000
Tag Number	Part / Type	Size	Location		Method	PPM Reading	Leaking	Date	Repair Method	Remonitor Reading	Date Completed
				08/13/2008	M21	1435 PPM		08/13/2008	VLV-TGA UGE	404.00	
				08/13/2008	M21	404 PPM					
				09/11/2008	M21	30 PPM					
				10/21/2008	M21	1211 PPM		10/21/2008	VLV-TGA UGE	1072.00	
				10/21/2008	M21	1072 PPM					
				11/11/2008	M21	18 PPM					
				12/17/2008	M21	8 PPM					
				01/27/2009	M21	29 PPM					
				02/17/2009	M21	850 PPM		02/17/2009	VLV-TGA UGE	1110.00	
				02/17/2009	M21	1110 PPM					
				03/20/2009	M21	2019 PPM		03/20/2009	VLV-TGA UGE	1513.00	
				03/20/2009	M21	1513 PPM					
				04/30/2009	M21	23 PPM					
				05/06/2009	M21	2605 PPM		05/06/2009	VLV-TGA UGE	3027.00	
				05/06/2009	M21	3027 PPM					
				06/22/2009	M21	15 PPM					
				07/31/2009	M21	897 PPM		07/31/2009	VLV-TGA UGE	923.00	
				07/31/2009	M21	923 PPM				111110	
				08/06/2009	M21	1438 PPM		08/06/2009	VLV-TGA UGE	2226.00	
				08/06/2009	M21	2226 PPM					
				09/23/2009	M21	1469 PPM		09/23/2009	VLV-TGA UGE	705.00	
				09/23/2009	M21	705 PPM			- 1 1 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		

Program: NSPS-VV

Process L	Jnit : 12-21						3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				10/28/2009	M21	6 PPM					A CONTRACTOR OF THE CONTRACTOR
				11/17/2009		657 PPM	· valle	11/17/2009	VLV-TGA UGE	772.00	
				11/17/2009	M21	772 PPM			20,500		
				12/30/2009	N. AFRICA	909 PPM		12/30/2009	VLV-TIG	652.00	
				12/30/2009	M21	652 PPM					
				01/26/2010	M21	547 PPM		01/26/2010	VLV-TIG	544.00	
				01/26/2010	M21	544 PPM					
				02/10/2010	M21	128 PPM					
				03/10/2010	M21	27.39 PPM		04/14/2010	VLV-TP	2200.00	
				04/14/2010	M21	2200 PPM					
				05/10/2010	M21	653 PPM					
				06/29/2010	M21	187 PPM		07/30/2010	VLV-TP	571.00	
				07/30/2010	M21	571 PPM		07/30/2010	VLV-TP	625.00	
				07/30/2010	M21	625 PPM		08/17/2010	VLV-TP	518.00	
				08/17/2010	M21	518 PPM		08/17/2010	VLV-TP	450.00	
				08/17/2010	M21	450 PPM		70.		× 1	
				09/24/2010	M21	1.8 PPM		10/07/2010	VLV-TP	591.00	
				10/07/2010	M21	591 PPM					()
				10/07/2010	M21	543 PPM		11/23/2010	VLV-RV	2.00	
				11/23/2010	M21	2 PPM					
33537	VALVE/ CTRL	4.00	CTRL LP E OF 12C8 PLTFM	12UC0418 ***	Placed on	Delay for Turnard	ound on 11/22/	/2011			-
				01/20/2012	M21	82400 PPM	VLV-PKG	01/20/2012	VLV-CP	50100.00	
				01/20/2012	M21	50100 PPM		02/03/2012	VLV-CL	13600.00	
				02/03/2012	M21	13600 PPM					
				02/03/2012	M21	10500 PPM					
				03/21/2012	M21	87.13 PPM		04/18/2012	VLV-CL	3949.00	
				04/18/2012	M21	3949 PPM					
				W Shr		12-1-1			77.5 A. S.		

Program: NSPS-VV

Process U	Init: 12-21										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				04/40/0040	•••	050 0011					100
				04/18/2012	M21	653 PPM					
				05/22/2012	M21	214 PPM					
				06/25/2012	M21	121 PPM		***************************************			
41243	VALVE	0.50	12V13 LVL1 LVL CLM TOP - H	IPV @SG		- Addisonal to					
				05/23/2012	M21	10200 PPM	VLV-SCR	05/23/2012	VLV-CL	10900.00	
				05/23/2012	M21	10900 PPM		05/24/2012	VLV-TFIT	3500.00	
				05/24/2012	M21	3500 PPM					05/24/2012

	Process Unit 12-21 St	ımmary
	Component Count	Leak Count
Total in Group	11	11
Total Valves	10	10
Total Pumps	1	1
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-VV

Reporting Period 04/01/2012 - 06/30/2012

Process	Unit .	21
1 100033	OILL .	-

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
15421A	VALVE/ CHAIN	0.75	7' WESTSIDE OF 21V1 AT CO 7FT OVHD	NTROL LOOP				The state of the s		and the second s	Market Street
				05/30/2012	M21	21000 PPM	VLV-PKG	05/30/2012	VLV-TP	17.16	
				05/30/2012	M21	17.16 PPM					05/30/2012
15623	VALVE/ BLEEDER	1.00	10FT SOUTH OF 21V3 14FT C	VGD							
				05/30/2012	M21	47400 PPM	VLV-PKG	06/04/2012	VLV-TP	200.00	
				06/04/2012	M21	200 PPM					06/04/2012
15628	VALVE/ BLOCK	0.75	10FT SOUTH OF 21V3			0					
				04/18/2012	M21	14600 PPM	VLV-GAUG E	04/18/2012	VLV-CL	18900.00	
				04/18/2012	M21	18900 PPM		04/19/2012	VLV-TGA UGE	25.00	
			,	04/19/2012	M21	25 PPM					04/19/2012

	Process Unit 21 Sun	nmary	
	Component Count	Leak Count	
Total in Group	3	3	
Total Valves	3	3	
Total Pumps	0	0	
Total Compressors	0	0	
Total Relief Valves	0	0	
Total Connectors	0	0	
Total Agitators	0	0	

0

Total Other Equipment

Program: NSPS-VV

Process l	Jnit: 13										
Tag Number	Part / Type	Size	Location M	onitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
19941	VALVE/ CTRL	1.00	CNTLP BTW @ 13P264 & 13P26	1 13FC405 06/25/2012	M21	26800 PPM	VLV-FLG	06/26/2012	VLV-TFL G	80.00	
				06/26/2012	M21	80 PPM					06/26/2012
24267	VALVE	0.75	13C29 VESSEL BLW WEST END	06/25/2012	M21	219800 PPM	VLV-PLUG	06/26/2012	VLV-TPL G	3.00	
				06/26/2012	M21	3 PPM					06/26/2012
24768	VALVE	0.75	CNTLP 4' E 13E3A @ ORIFACE	04/25/2012	M21	100000 PPM	VLV-PLUG	04/25/2012	VLV-TPL G	47.00	
				04/25/2012	M21	47 PPM					04/25/2012
24769	VALVE/ GATE	0.75	CNTLP 4' E 13E3A @ ORIFACE	04/18/2012	M21	16600 PPM	VLV-SCR	04/18/2012	VLV-CL	19700.00	
			(- 	04/18/2012	M21	19700 PPM		04/19/2012	VLV-STM	2200.00	
			=:11	04/19/2012	M21	2200 PPM					04/19/2012
3-00285	PUMP	0.00	5' E 13V14 @ 13P261	04/18/2012	M21	13000 PPM	PMP-TUB	04/18/2012	PMP-ST M	8884.00	
			V	04/18/2012	M21	8884 PPM					04/18/2012
3-00285	PUMP	0.00	5' E 13V14 @ 13P261	275,850,000,250,750,2	(2)2284	772722 E 277					***************************************
			<u></u>	05/01/2012	1022030	15200 PPM	PMP-TUB	05/01/2012	PMP-SEJ	128.00	05/04/0040
	DUMP	0.00	400005	05/01/2012	M21	128 PPM		05/01/2012	PMP-SEJ		05/01/2012
3-00288	PUMP	0.00	13P295	04/23/2012	VIS	F	PMP-SCR	04/23/2012	PMP-TFI	0.00	
			8 <u></u>	04/23/2012	VIS	F	The second of the second	04/23/2012	PMP-TFI	0.00	
			** <u></u>	04/30/2012	VIS	Р		05/04/2012	PMP-TFI	6.00	5
				05/04/2012	M21	6 PPM					05/04/2012
3-00290	PUMP	0.00	13P266	05/16/2012	VIS	F	PMP-SCR	05/16/2012	PMP-TFI	5800.00	
										45.0	22.41.

Program: NSPS-VV

Process l	Jnit: 13			100000000000000000000000000000000000000	A 100 Stores						
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				05/17/2012	M21	5800 PPM		05/17/2012	PMP-TFI	6500.00	
				05/18/2012	M21	6500 PPM		05/17/2012	PMP-TFI	0.00	
						P			-		
				05/23/2012	VIS			05/29/2012	PMP-TFI	0.00	
				05/29/2012	VIS	F		05/30/2012	PMP-TFI	16.00	
				05/30/2012	M21	16 PPM					05/30/2012
3-01209	VALVE	0.75	13C29 WEST END							<u></u>	
				06/25/2012	M21	16400 PPM	VLV-SCR	06/25/2012	VLV-CL	1403.00	
				06/25/2012	M21	1403 PPM			Corps		06/25/2012
3-01475	VALVE	0.75	RECTIFIER/.DRAIN/FLOAT C LVL 13V8 SG	CHAMBER/1ST					9/0		
				06/25/2012	M21	41000 PPM	VLV-SCR	06/25/2012	VLV-CL	17300.00	
				06/25/2012	M21	17300 PPM	7),	06/26/2012	VLV-TFIT T	2000.00	
				06/26/2012	M21	2000 PPM					06/26/2012
40363	VALVE/ BALL	0.75	E SDE 13E3A TOP SG								2700-018
				04/18/2012	M21	21700 PPM	VLV-PKG	04/19/2012	VLV-TP	134.00	
				04/19/2012	M21	134 PPM		776.001.00			04/19/2012

	Process Unit 13 Sur	nmary
	Component Count	Leak Count
Total in Group	10	11
Total Valves	7	7
Total Pumps	3	4
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	O	0

6 PPM

Program: NSPS-VV

04/11/2012

Reporting Period 04/01/2012 - 06/30/2012

Т

Process L	Jnit: 14					10. J. 100. (1. 10.)			- Maria		
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
23507	PUMP	0.00	14P8B	Annual Control of the	Page 40 Page 10 Page 1		THE RESERVE OF THE PARTY OF THE	AN ASSESSMENT OF THE PARTY OF T		History and the second	
				06/14/2012	VIS	F		06/15/2012	PMP-WS E	0.00	
				06/15/2012	VIS	Р					
				06/15/2012	M21	49 PPM					
				06/20/2012	VIS	Р					
				06/25/2012	VIS	Р					
				06/25/2012	M21	6.51 PPM				10 100	
				07/05/2012	VIS	Р					07/05/2012
4-00904	VALVE	0.50	1ST LEVEL PLAT ABOVE 1	4C1 COMP DECK					***	·	
				04/10/2012	M21	12600 PPM	VLV-SCR	04/11/2012	VLV-TFIT	6.00	

	Process Unit 14 Sur	nmary
	Component Count	Leak Count
Total in Group	2	2
Total Valves	1	1
Total Pumps	1	1
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

04/11/2012

M21

6925

6925

LEAKING EQUIPMENT LOG

Program: NSPS-GGGA

Reporting Period 04/01/2012 - 06/30/2012

Process l	Jnit: 16			The second secon				20 (110 - 110 - 1100 - 1110 - 1100 - 1110 - 1			
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
6530	VALVE/ CTRL	4.00	CV 16FC0610 EAST OF 16H3	and the second second leads that	PER PERSON						
				05/08/2012	M21	967 PPM	VLV-PKG	05/08/2012	VLV-CL	607.00	
				05/08/2012	M21	607 PPM		05/09/2012	VLV-CP	32.00	
				05/09/2012	M21	32 PPM					05/09/2012
6530	VALVE/ CTRL	4.00	CV 16FC0610 EAST OF 16H3								
				06/25/2012	M21	849 PPM	VLV-PKG	06/25/2012	VLV-CL	1302.00	
				06/25/2012	M21	1302 PPM	447	06/26/2012	VLV-CP	230.00	
0				06/26/2012	M21	230 PPM					06/26/2012
6545	VALVE/ CTRL	4.00	CL 16FC0611 EAST OF 16H3				220,000				<u> </u>
				05/08/2012	M21	883 PPM	VLV-PKG	05/08/2012	VLV-CL	602.00	
				05/08/2012	M21	602 PPM		05/09/2012	VLV-CP	32.00	
				05/09/2012	M21	32 PPM					05/09/2012
6545	VALVE/ CTRL	4.00	CL 16FC0611 EAST OF 16H3								
				06/25/2012	M21	618 PPM	VLV-PKG	06/25/2012	VLV-CP	230.00	
				06/25/2012	M21	230 PPM					06/25/2012
6550	VALVE/ CTRL	4.00	CV 16FC0612 EAST OF 16H3								-
				05/08/2012	M21	605 PPM	VLV-PKG	05/08/2012	VLV-CL	781.00	
				05/08/2012	M21	781 PPM	0.=	05/09/2012	VLV-CP	21.00	
				05/09/2012	M21	21 PPM					05/09/2012
6608	VALVE/ CTRL	4.00	CV 16FC0613 EAST OF 16H3								
				05/08/2012	M21	1320 PPM	VLV-PKG	05/08/2012	VLV-CL	1086.00	
			/ •	05/08/2012	M21	1086 PPM		05/09/2012	VLV-CP	91.00	
				05/09/2012	M21	91 PPM					05/09/2012

04/18/2012

04/18/2012

04/19/2012

M21

M21

M21

797 PPM

1073 PPM

220 PPM

VLV-PKG

04/18/2012 VLV-CL

04/19/2012 VLV-CP

0.75

0.75

16V2 PROD SEP H2O BOOT SG BLDR

16V2 PROD SEP H2O BOOT SG BLDR

VALVE/

VALVE/

BLEEDER

BLEEDER

04/19/2012

1073.00

220.00

Program: NSPS-GGGA

Process l	Jnit: 16										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
6925	VALVE/ BLEEDER	0.75	16V2 PROD SEP H2O BOOT	SG BLDR							
				05/09/2012	M21	622 PPM	VLV-PKG	05/09/2012	ATTB	1039.00	
				05/09/2012	M21	1039 PPM		05/10/2012	VLV-TP	23.00	100
75				05/10/2012	M21	23 PPM					05/10/2012
6926	VALVE/ GATE	0.75	WATER BOOT UNDER 16V2								
				05/09/2012	M21	1834 PPM		05/10/2012	VLV-TP	16.00	
				05/10/2012	M21	16 PPM					
				06/25/2012	M21	7.06 PPM					06/25/2012
6945	VALVE/ NEEDLE	0.25	10' SOUTH OF 16P86 DP CEL	LL @ PILLAR							***
				05/09/2012	M21	2224 PPM	VLV-PKG	05/09/2012	ATSC	1150.00	
				05/09/2012	M21	1150 PPM		05/10/2012	VLV-TP	102.00	
				05/10/2012	M21	102 PPM					05/10/2012
6945	VALVE/ NEEDLE	0.25	10' SOUTH OF 16P86 DP CEL	L @ PILLAR		- Situation					
				06/25/2012	M21	6262 PPM	VLV-SCR	06/25/2012	VLV-CL	6164.00	
				06/25/2012	M21	6164 PPM		06/27/2012	VLV-TFIT T	180.00	- H
				06/27/2012	M21	180 PPM					06/27/2012
7014	VALVE/ CTRL	8.00	CONTROL LOOP 16FC0746 E 16E9	AST SIDE OF							1
				04/18/2012	M21	743 PPM	VLV-PKG	04/18/2012	VLV-CL	279.00	
			3	04/18/2012	M21	279 PPM					04/18/2012
7014	VALVE/ CTRL	8.00	CONTROL LOOP 16FC0746 E 16E9	AST SIDE OF							
				05/10/2012	M21	942 PPM	VLV-PKG	05/10/2012	VLV-CL	786.00	
				05/10/2012	M21	786 PPM		05/11/2012	VLV-CP	22.00	
				05/11/2012	M21	22 PPM					05/11/2012
7014	VALVE/ CTRL	8.00	CONTROL LOOP 16FC0746 E 16E9	AST SIDE OF							

Program: NSPS-GGGA

Process l	Jnit: 16									idal line a l	
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
7014	VALVE/ CTRL	8.00	CONTROL LOOP 16FC0746 16E9	EAST SIDE OF							
				06/25/2012	M21	614 PPM	VLV-PKG	06/25/2012	VLV-CL	111.00	
				06/25/2012	M21	111 PPM					06/25/2012
7230	PUMP	0.00	PUMP 16P299A NHT REFLUX	X SE 16V4							
				04/18/2012	M21	2391 PPM	PMP-TUB	04/18/2012	PMP-ST M	5983.00	
				04/18/2012	M21	5983 PPM		04/19/2012	PMP-TFI	600.00	
				04/19/2012	M21	600 PPM					04/19/2012
7230	PUMP	0.00	PUMP 16P299A NHT REFLUX	X SE 16V4							
				06/25/2012	VIS	F	PMP-TUB	06/25/2012	PMP-WS E	7016.00	
				06/25/2012	M21	7016 PPM				2000	
				06/25/2012	M21	14700 PPM	-	06/26/2012	PMP-WS	240.00	. 2.
				06/26/2012	M21	240 PPM					
				07/05/2012	VIS	Р					07/05/2012
7255	VALVE/ CTRL	3.00	CONTROL VALVE 16FC0680 16V4	10' SOUTH OF							
				05/10/2012	M21	591 PPM	VLV-PKG	05/10/2012	VLV-CL	526.00	
				05/10/2012	M21	526 PPM		05/11/2012	VLV-CP	32.00	1
				05/11/2012	M21	32 PPM					05/11/2012
7255	VALVE/ CTRL	3.00	CONTROL VALVE 16FC0680 16V4	10' SOUTH OF							
				06/25/2012	M21	629 PPM	VLV-PKG	06/25/2012	VLV-CL	627.00	
				06/25/2012	M21	627 PPM		06/26/2012	VLV-CP	232.00	
			.3	06/26/2012	M21	232 PPM	and the				06/26/2012
7291	VALVE/ CTRL	4.00	CONTROL LP 16FC0678 10' S	OUTH OF 16V3							
				04/18/2012	M21	575 PPM	VLV-PKG	04/18/2012	VLV-CL 1893.00	1893.00	
				04/18/2012	M21	1893 PPM		04/19/2012	VLV-CP	65.00	1
				04/19/2012	M21	65 PPM					04/19/2012

Program: NSPS-GGGA

Process l	Jnit : 16			And the second s							
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
7291	VALVE/ CTRL	4.00	CONTROL LP 16FC0678 10'	SOUTH OF 16V3			Algebies and a second		Selection of the select	A STATE OF THE PARTY OF THE PAR	A CONTRACTOR OF THE PARTY OF TH
				05/10/2012	M21	740 PPM	VLV-PKG	05/10/2012	VLV-CL	622.00	
				05/10/2012	M21	622 PPM		05/11/2012	VLV-CP	52.00	
				05/11/2012	M21	52 PPM					05/11/201
7317	VALVE/ BALL CHECK	0.75	L1 16V3 UPPER BALL CHEC SIGHT GLASS	CK ON EAST							
				05/10/2012	M21	7124 PPM	VLV-PKG	05/10/2012	VLV-CL	8525.00	
				05/10/2012	M21	8525 PPM		05/14/2012	VLV-TP	750.00	
				05/14/2012	M21	750 PPM		05/22/2012	VLV-RV	12.00	
				05/22/2012	M21	12 PPM					05/22/2012
7317	VALVE/ BALL CHECK	0.75	L1 16V3 UPPER BALL CHEC SIGHT GLASS	K ON EAST							
				06/25/2012	M21	642 PPM	VLV-PKG	06/25/2012	VLV-CL	628.00	
				06/25/2012	M21	628 PPM		06/26/2012	VLV-TP	17.00	
				06/26/2012	M21	17 PPM					06/26/2012
7460	PUMP/ CHEMICAL	0.00	16P97 SOUTH OF 16T1							-	
				04/18/2012	M21	19300 PPM	PMP-SCR	04/18/2012	PMP-ST M	10700.00	
				04/18/2012	M21	10700 PPM		04/19/2012	PMP-TFI	620.00	
				04/19/2012	M21	620 PPM			- 2020		04/19/2012
7580	VALVE/ CHAIN	6.00	50' SOUTH OF 11H1 3' TOP (OF 27V21	-100.					-	
				05/15/2012	M21	5738 PPM	VLV-PKG	05/15/2012	VLV-TP	1684.00	
				05/15/2012	M21	1684 PPM		05/16/2012	VLV-TP	103.00	
				05/16/2012	M21	103 PPM					05/16/2012
7630	VALVE/ BLEEDER	0.75	@ CNTRL LOOP N OF 25V2	FLARE K.O. POT.							
				04/18/2012	M21	1311 PPM	VLV-PKG	04/18/2012	VLV-CP	920.00	
				04/18/2012	M21	920 PPM		04/19/2012	VLV-TP	52.00	
				04/19/2012	M21	52 PPM		PASS ON STREET STREET		- Control of the Cont	04/19/2012

Program: NSPS-GGGA

it :	16
	it:

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
7678	VALVE/ GATE	0.75	20FT N OF CP FLARE.	The second secon		The second secon					
				05/15/2012	M21	1358 PPM	VLV-PKG	05/15/2012	VLV-CL	544.00	
				05/15/2012	M21	544 PPM		05/16/2012	VLV-TP	27.00	
				05/16/2012	M21	27 PPM				•	05/16/2012
7682	VALVE/ BLEEDER	0.50	20FT NE OF CP FLARE.			30000 323000				10092 14 14	•
				04/18/2012	M21	560 PPM	VLV-PKG	04/18/2012	VLV-CL	599.00	
				04/18/2012	M21	599 PPM		04/19/2012	VLV-TP	95.00	
				04/19/2012	M21	95 PPM					04/19/2012
7889	VALVE/ NEEDLE	0.50	MSAT 16P302A HNS OH LQ OVHD	PMP SEAL POT				50%			
				05/11/2012	M21	30000 PPM	VLV-PKG	05/11/2012	VLV-CL	3657.00	
				05/11/2012	M21	3657 PPM		05/14/2012	VLV-TP	39.00	
				05/14/2012	M21	39 PPM					05/14/2012

	Process Unit 16 Sur	nmary
	Component Count	Leak Count
Total in Group	18	28
Total Valves	16	25
Total Pumps	2	3
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-GGGA

Process I	Jnit: 19										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
0192	VALVE/ NEEDLE	0.25	19V100 TOP platform DP cell	3633 534 1038 714 (1)							
				04/05/2012	M21	660 PPM	VLV-PKG	04/05/2012	VLV-CL	263.00	
	111111111111111111111111111111111111111			04/05/2012	M21	263 PPM		04/05/2012	VLV-CL		04/05/2012
0198H	VALVE/ CHECK	2.00	10 FEET S OF 19H2								
				04/09/2012	M21	847 PPM	VLV-PKG	04/09/2012	VLV-CL	1004.00	
				04/09/2012	M21	1004 PPM		04/11/2012	VLV-CP	2.00	
				04/11/2012	M21	2 PPM			=======================================		04/11/2012
01981	VALVE/ GATE	2.00	10 FEET S OF 19H2								
				04/09/2012	M21	505 PPM	VLV-PKG	04/09/2012	VLV-CL	952.00	
				04/09/2012	M21	952 PPM		04/11/2012	VLV-TP	109.00	
			-	04/11/2012	M21	109 PPM					04/11/2012
0354	VALVE/ BALL	0.75	19V5 LVL 1 at SG TOP								
				04/05/2012	M21	821 PPM	VLV-CONN EC	04/05/2012	VLV-CL	655.00	
				04/05/2012	M21	655 PPM		04/09/2012	VLV-CL	77.00	
				04/09/2012	M21	77 PPM					04/09/2012
0354	VALVE/ BALL	0.75	19V5 LVL 1 at SG TOP								
				05/15/2012	M21	668 PPM	VLV-PKG	05/15/2012	VLV-CL	878.00	
			8	05/15/2012	M21	878 PPM		05/16/2012	VLV-CP	127.00	
	=			05/16/2012	M21	127 PPM					05/16/2012
0632	VALVE/ BALL	0.75	19V7 KO DRUM SG TOP BV								
			_	04/09/2012	M21	1507 PPM	VLV-PKG	04/09/2012	VLV-CL	950.00	
				04/09/2012	M21	950 PPM		04/10/2012	VLV-CP	35.00	
				04/10/2012	M21	35 PPM					04/10/2012
0632	VALVE/ BALL	0.75	19V7 KO DRUM SG TOP BV								
				05/15/2012	M21	1706 PPM	VLV-UNIO N	05/15/2012	VLV-CL	723.00	
			я -	05/15/2012	M21	723 PPM		05/16/2012	VLV-TP	128.00	
			> -	05/16/2012	M21	128 PPM					05/16/2012
			H-			- 10.1					

Program: NSPS-GGGA

Process	Unit:	19
---------	-------	----

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
0674	VALVE/ GATE	2.00	19E6 CL sw of 19V7	The state of the s	4						
				04/09/2012	M21	519 PPM	VLV-PKG	04/09/2012	ATTB	551.00	
				04/09/2012	M21	551 PPM		04/10/2012	VLV-TP	17.00	
				04/10/2012	M21	17 PPM					04/10/2012
0703	VALVE/ GATE	1.50	S of 19V4			=					
				04/09/2012	M21	621 PPM	VLV-PKG	04/09/2012	VLV-CL	593.00	
				04/09/2012	M21	593 PPM		04/10/2012	VLV-TP	63.00	
				04/10/2012	M21	63 PPM					04/10/2012

	Process Unit 19 Sun	nmary
	Component Count	Leak Count
Total in Group	7	9
Total Valves	7	9
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-GGGA

Process U	Jnit : 29				Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
11889	VALVE	0.00	20' EAST OF KVP BUILDING OF 4 BAY 6' WEST OF FENC	···	Wiles Inc. (Inc. on)						
				05/16/2012	VIS	F	VLV-PKG	05/16/2012	VLV-CL	781.00	
				05/16/2012	M21	781 PPM	37-14 garanta (antari 1 80-2)				0.00000_00.000000000000000000000000000
				05/16/2012	M21	1127 PPM		05/18/2012	VLV-CP	45.00	
				05/18/2012	M21	45 PPM					
				05/18/2012	VIS	Р					
				05/18/2012	M21	0 PPM					05/18/2012
11889	VALVE	0.00	20' EAST OF KVP BUILDING OF 4 BAY 6' WEST OF FENC								9
				06/22/2012	M21	661 PPM	VLV-PKG	06/22/2012	VLV-CL	1421.00	
				06/22/2012	M21	1421 PPM		07/03/2012	VLV-TP	0.00	
				07/03/2012	M21	0 PPM					07/03/2012
11979	VALVE/ GATE	0.50	40' NORTH WEST OF 29T40 (SIDE OF SUMP	ON SOUTH EAST							
				04/26/2012	M21	15100 PPM	VLV-PKG	04/26/2012	ATTB	15000.00	
				04/26/2012	M21	15000 PPM	is	04/27/2012	VLV-TP	36.00	
				04/27/2012	M21	36 PPM					04/27/2012
								$\overline{}$			

	Process Unit 29 Sur	nmary
	Component Count	Leak Count
Total in Group	2	3
Total Valves	2	3
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0



MARATHON - DETROIT 1300 SOUTH FORT STREET DETROIT, MI 48217

07/12/2012

LEAKING EQUIPMENT LOG

Program: NSPS-GGGA

Process U	nit : 01			m sw Mowente						17	íz.
Compliand					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
2192	PUMP	0.00	W of carbon can station 11 in A	API							
				03/27/2012	M21	29100 PPM	PMP-SEAL	03/27/2012	PMP-WS E	10200.00	
				03/27/2012	M21	10200 PPM		03/27/2012	PMP-WS E	0.00	
			,	03/27/2012	VIS	F		03/28/2012	PMP-WS E	16.00	
			.	03/28/2012	M21	16 PPM					
			•	04/03/2012	VIS	Р					04/03/2012
2192	PUMP	0.00	W of carbon can station 11 in A	API							
				06/22/2012	M21	9756 PPM	PMP-SEAL	06/22/2012	PMP-WS E	4952.00	
			e .	06/22/2012	M21	4952 PPM		06/25/2012	PMP-WS E	100.00	in the second
			Ţ -	06/25/2012	M21	100 PPM			1120		06/25/2012

	Process Unit 01 Sur	nmary
	Component Count	Leak Count
Total in Group	1	2
Total Valves	0	0
Total Pumps	1	2
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-VV

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
5047	VALVE/ WTR DRW	6.00	EAST OF SIDE TK103	04/13/2012	-: 20054-00	13700 PPM	WTR DRW	04/16/2012	VLV-CL	26.00	
				1			CA				
				04/16/2012	M21	26 PPM		-			04/16/2012

	Process Unit 34 Sur	ппагу
	Component Count	Leak Count
Total in Group	1	ï
Total Valves	1	1
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NSPS-VV

Process Unit: 43 Compliance Group: SRU Test Part Repair Remonitor										Date	
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
33039	VALVE/ GATE	1.00	6' W OF 43H101	05/24/2012	M21	10000 PPM	VLV-CONN EC	05/24/2012	VLV-CL	1,5.00	
				05/24/2012	M21	15 PPM		05/24/2012	VLV-CL		05/24/2012

	Process Unit 43 Sur	nmary
	Component Count	Leak Count
Total in Group	Ť	1
Total Valves	1	1
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	0	0
Total Other Equipment	О	0

Program: NSPS-VV

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
30551	PUMP/ CENTRIF	0.00	PUMP AT AA-10 -2 TERM		I to the second						
				03/27/2012	VIS	F	PMP-SEAL	03/27/2012	PMP-WS E	38200.00	
			•	03/27/2012	M21	38200 PPM					
				03/27/2012	M21	4216 PPM		03/28/2012	PMP-WS E	120.00	3000
			•	03/28/2012	M21	120 PPM					
			•	04/05/2012	VIS	Р			91,72	v =	04/05/2012
33637	VALVE/ QUICK	0.25	LOAD RACK 1 S END		-						
			12	06/13/2012	VIS	F	VLV-PLUG	06/13/2012	VLV-PLU	51.00	
				06/13/2012	M21	51 PPM					
			8.	06/13/2012	VIS	Р					06/13/2012
33651	VALVE/ QUICK	0.25	LOAD RACK 2 S END SAMPL	E TAP							
				06/13/2012	VIS	F	VLV-CAP	06/13/2012	VLV-CL	0.00	
				06/13/2012	VIS	Р					
			\(\frac{1}{2}\)	06/13/2012	M21	5 PPM				-	06/13/2012

	Process Unit TERM S	ummary	
	Component Count	Leak Count	
Total in Group	3	3	
Total Valves	2	2	
Total Pumps	1	1	
Total Compressors	0	0	
Total Relief Valves	0	0	
Total Connectors	0	0	
Total Agitators	0	0	
Total Other Equipment	0	0	

Table 3

Regulatory Leakers Requiring Delay of Repair - Second Quarter 2012

Michigan Refining Division

Complex	Unit	VOC Tag I.D.	Comp type	Date leak first detected	Component Description	Reason for delay of repair	Date Placed on delay of repair	Date of Actual/Anticipated Repair
2	8	8777	PSV	2/16/2012	8PSV6810	Requires unit shutdown	2/22/2012	11/30/2012
2	9	9C1	Compressor	11/12/2009	09C1 Seal leaking on East Side of housing	Requires unit shutdown	11/23/2009	10/31/2012
2	9	15601	Sightglass	12/15/2011	PLTFRM E 9V18	Requires unit shutdown	1/6/2012	10/31/2012
4	16	25599	Valve	11/20/2009	Bonnet of gate valve leaking control loop SE of 16V9	Isolated From VOC Service	12/18/2009	10/31/2012
3	12	33537	Valve	11/10/2011	Cntrl Loop East of 12C8 Platform 12UC0418	Requires unit shutdown	11/23/2011	11/30/2012
3	12	14512	Sightglass	2/2/2012	Sight Glass 3rd levl 12V41	Requires unit shutdown	2/16/2012	11/30/2012
5	2	2366	Valve	4/18/2012	15FT SW OF TK 98 @UG-5-009 BY DOT LINE	Requires unit shutdown	5/2/2012	11/30/2012

Table 4
Wastewater System Monitoring - Second Quarter 2012
Michigan Refining Division

Complex	Unit	Tag ID	Date	Service/Description	First Attempt	Recommended Fix	Final Repair	Final Repair Date
1	4	683	3/27/2012	Drain SE of 4V8	Install Plug	Install Plug	Plug Installed	4/3/2012
1	5	187	3/27/2012	Drain S Side of 5P61B	Add Water	Add Water	Water Added	4/3/2012
1	5	460	3/27/2012	Drain S Side of 5P60A	Add Water	Add Water	Water Added	4/3/2012
1	42	611	3/28/2012	Drain 5ft NW of 42V6	Add Water	Add Water	Water Added	4/4/2012
1	29	430	3/29/2012	Drain SW of 29T42	Add Water	Add Water	Water Added	4/3/2012
4	16	420	4/2/2012	Manhole E Edge of Unit 16 Near 16T1	Secure Lid	Secure Lid	Lid Secured	4/3/2012
4	14	646	4/2/2012	Manhole 20ft W of 11V43	Secure Lid	Secure Lid	Lid Secured	4/3/2012
3	11	580	4/2/2012	Manhole SW of Cooling Tower C in Roadway	Secure Lid	Secure Lid	Lid Secured	4/3/2012
1	29	729	4/3/2012	12ft NW of API garage	Secure Lid	Secure Lid	Lid Secured	4/4/2012
2	7	883	4/4/2012	Manhole in Roadway by Sulfur Loading	Secure Lid	Secure Lid	Lid Secured	4/5/2012
4	14	195	4/9/2012	Drain 20ft. E of 14-H-3 by Post	Add Water	Add Water	Water Added	4/16/2012
4	19	261	4/9/2012	Drain at KHT Reflux Pump (19P3A)	Add Water	Add Water	Water Added	4/16/2012
2	7	750	4/11/2012	Funnel Drain by 7P37	Install Plug	Install Plug	Plug Installed	5/15/2012
1	4	7	4/11/2012	Drain 2ft. E of 4E3C	Add Water	Add Water	Water Added	4/17/2012
1	5	80	4/11/2012	Drain W of 5P59A	Add Water	Add Water	Water Added	4/17/2012
1	5	82	4/11/2012	Drain W of 5P59A	Add Water	Add Water	Water Added	4/17/2012
1	5	184	4/11/2012	Drain E side of 5V48	Add Water	Add Water	Water Added	4/17/2012
2	7	311	4/11/2012	Catch Basin in Roadway N of 7P105A	Add Water	Add Water	Water Added	4/18/2012
4	19	261	4/23/2012	Drain at KHT Reflux Pump (19P3A)	Add Water	Add Water	Water Added	5/8/2012
1	5	82	4/24/2012	Drain W of 5P59A	Add Water	Add Water	Water Added	5/11/2012
1	5	180	4/24/2012	Drain at the Corner of Waring & N Hampton	Add Water	Add Water	Water Added	5/11/2012
1	5	1061	4/24/2012	Drain 6ft S 29T12	Add Water	Add Water	Water Added	5/11/2012
1	29	N/A	4/30/2012	Interceptor Sump Hatch	Latch Hatch	Latch Hatch	Hatch Latched	4/30/2012
1	4	N/A	4/30/2012	ESSCO Insert removed near 4E34A/B	Insert ESSCo	Insert ESSCO	ESSCO Inserted	5/14/2012
1	5	354	4/30/2012	N.W of 5E6H	Add Water	Add Water	Ongoing	Ongoing
4	14	193	4/30/2012	Catch Basin E of 14-H-4	Add Water	Add Water	Water Added	5/8/2012
4	14	195	4/30/2012	Drain E of SR HTR #1 (14H1)	Add Water	Add Water	Water Added	5/8/2012
4	16	495	4/30/2012	12ft S of 27V20	Install Plug	Install Plug	Plug Installed	5/8/2012
3	12-21	878	5/1/2012	Drain 3ft W of 12P144	Add Water	Add Water	Water Added	5/8/2012
3	12-21	871	5/1/2012	Drain 3ft W of 12P146B	Add Water	Add Water	Water Added	5/8/2012
1	4	696	5/2/2012	Drain S of 4P4A	Add Water	Add Water	Water Added	5/11/2012

Table 4
Wastewater System Monitoring - Second Quarter 2012
Michigan Refining Division

Complex	Unit	Tag ID	Date	Service/Description	First Attempt	Recommended Fix	Final Repair	Final Repair Date
i	4	696	5/14/2012	Drain S of 4P4A	Add Water	Add Water	Water Added	6/4/2012
1	5	82	5/14/2012	Drain W of 5P59A	Add Water	Add Water	Ongoing	Ongoing
1	5	180	5/14/2012	Drain at the Corner of Waring & N Hampton	Add Water	Add Water	Water Added	5/22/2012
1	5	460	5/14/2012	Drain S Side of 5P60A	Install Plug	Install Plug	Plug Installed	6/4/2012
1	29	431	5/14/2012	Drain at 29T50A-B	Add Water	Add Water	Water Added	5/22/2012
2	8	771	5/15/2012	Drain 2ft E of 8V12	Add Water	Add Water	Water Added	5/29/2012
2	77	1003	5/15/2012	Drain 10ft S of DHT Substation	Add Water	Add Water	Water Added	5/30/2012
1	1	621	5/16/2012	Drain 100ft NE of TK 50	Add Water	Add Water	Water Added	5/22/2012
4	14	192	5/16/2012	Catch Basin E of 14-H-8 ignition panel	Add Water	Add Water	Water Added	5/30/2012
4	14	195	5/16/2012	Drain E of SR HTR #1 (14H1)	Add Water	Add Water	Water Added	5/30/2012
4	14	408	5/16/2012	Drain at 14P18C	Add Water	Add Water	Water Added	5/30/2012
4	14	423	5/16/2012	Drain at Reboiler Flash Drum (14V12)	Add Water	Add Water	Water Added	5/30/2012
4	16	320	5/16/2012	Catch Basin N of 27V19 in Roadway	Add Water	Add Water	Water Added	5/30/2012
4	19	261	5/16/2012	Drain at KHT Reflux Pump (19P3A)	Add Water	Add Water	Water Added	5/30/2012
1	4	12	5/22/2012	Drain 1ft E of 4P63B	Add Water	Add Water	Water Added	5/30/2012
1	4	683	5/22/2012	Drain SE 4V8	Install Plug	Install Plug	Plug Installed	5/30/2012
1	4	816	5/22/2012	Drybox 10ft SW of 4H2	Add Water	Add Water	Water Added	5/30/2012
1	5	184	5/22/2012	Drain E side of 5V48	Add Water	Add Water	Water Added	5/30/2012
1	5	354	5/22/2012	Drain NW of 5E6H	Add Water	Add Water	Water Added	6/11/2012
2	9	1005	5/29/2012	Drain 20ft S of Sulfur Loading Rack	Add Water	Add Water	Water Added	6/5/2012
1	4	1050	6/11/2012	Drain S of 4P50A	Install Plug	Install Plug	Plug Installed	6/26/2012
1	4	696	6/11/2012	Drain S of 4P4A	Add Water	Add Water	Ongoing	Ongoing
1	5	62	6/11/2012	Drain E of 5P16A	Add Water	Add Water	Water Added	6/19/2012
3	12-21	878	6/12/2012	Drain 3ft W of 12P144	Add Water	Add Water	Water Added	6/20/2012
3	12-21	337	6/13/2012	Catch Basin E of 12V26	Add Water	Add Water	Water Added	7/5/2012
2	8	1244	6/19/2012	100ft E of GOHT under fans NNE of CPX2 Office	Add Water	Add Water	Water Added	6/27/2012
2	9	1005	6/19/2012	20ft South of Sulfur Loading Rack	Add Water	Add Water	Water Added	7/19/2012
1	29	431	6/19/2012	Drain at 29T50A-B	Add Water	Add Water	Water Added	6/26/2012
3	12-21	871	6/20/2012	Drain 3ft W of 12P146B	Add Water	Add Water	Water Added	6/27/2012
4	19	261	6/20/2012	Drain at KHT Reflux Pump (19P3A)	Add Water	Add Water	Ongoing	Ongoing
1	5	90	6/27/2012	Drain 3ft SW 5E36A	Install Plug	Install Plug	Plug Installed	7/3/2012

Table 4
Wastewater System Monitoring - Second Quarter 2012
Michigan Refining Division

Complex	Unit	Tag ID	Date	Service/Description	First Attempt	Recommended Fix	Final Repair	Final Repair Date
2	7	311	6/27/2012	Catch Basin in Roadway N of 7P105A	Add Water	Add Water	Water Added	7/10/2012
4	14	203	6/27/2012	Drain on NW side of 14V40	Add Water	Add Water	Water Added	7/5/2012
4	19	440	6/27/2012	Catch Basin SW of Water Inj Drum 19V102	Add Water	Add Water	Water Added	7/5/2012

Table 5 NSR Consent Decree Information Paragraphs 20B and 18P - Second Quarter 2012 Michigan Refining Division

Measures that MPC took during the 2nd Quarter 2012 to satisfy the provisions of Paragraph 20B and 18P(ii)(b) of the NSR Consent Decree:

Subparagraph	Requirement	Measures taken
20Bi	Training for personnel newly-assigned to LDAR	Greg Shay completed training in July 2009 for LDAR.
20Bii	Annual training for regular LDAR personnel	Regular LDAR work is contracted through Emissions Monitoring Service, Inc (EMSI Inc.) and Seal-Tech. EMSI and Seal-tech trains all personnel, training records are kept on-site.
20Biii	Training for Ops/Maint personnel	Refinery employees are required to complete a yearly Environmental Awareness CBT (Computer Based Training) module. This module, includes training information on the LDAR Program, was initiated on March 12, 2002. Additionally, contractors are required to attend a safety orientation on a yearly basis which includes information on the LDAR Program.
18P(ii)(b)	Laboratory Audits	The Detroit Refinery now has the ability to use RAD, ESC Labs of Nashville, TN, and Bureau Veritas of Livonia, MI to run all BWON samples. The Detroit Refinery began using ESC Labs of Nashville, TN on June 22, 2010.
18P(ii)(b)	Training	Affected Refinery employees are required to complete a yearly Benzene Sampling CBT (Computer Based Training) module. This module, includes training information on the Benzene NESHAP Program, was initiated on August 2002.
18P(ii)(b)	EOL Sampling Results	The EOL Sampling program was approved on March 8, 2010 for the Detroit Refinery. See Table 9 for EOL calculations.

Table 6

NSR Consent Decree Information Paragraph 20Oiic(2) - Second Quarter 2012

Michigan Refining Division

Complex	Unit	Description	Month monitored	# valves monitored	# pumps monitored	# compressors monitored	GGG # components leaking/quarter	GGGa # components leaking/quarter	# DTM components	Projected month of next monitoring
	4	Vacuum Unit	Jun-12	533	5	2	na	1	2	Aug-12
1	5	Crude Unit	Jun-12	2,284	32	0 -	4	na	13	Aug-12
	29	Wastewater Plant	Apr-12	846	18	0	na	3	0	Jul-12
- 11124	7	Distillate Hydrotreater Unit	Jun-12	1,363	21	3	3	na	21	Aug-12
2	8	Gas Oil Hydrotreater Unit	May-12	1,651	5	2	4	na	27	Aug-12
	9	Alkylation Unit	Apr-12	2,037	30	1	17	па	35	Jul-12
	11	Fluid Catalytic Cracking Unit	Jun-12	459	6	0	1	na	14	Aug-12
3	12/21	Gas Con/SATS Depropanizer	May-12	2,143	27	1	14	na	16	Aug-12
	13	Propylene Unit	Mar-12	690	9	3	10	na	4	Aug-12
	14	Continuous Catalytic Reforming Unit	Apr-12	2,032	14	2	2	. na	31	Jul-12
4	16	Naphtha Hydrotreater Unit	May-12	1,649	23	0	na	18	52	Aug-12
	19	Kerosene Hydrotreater Unit	Apr-12	653	8	1	na	7	0	Jul-12
	1	Crude Tank Farm	May-12	803	24	0	2	na	6	Aug-12
5	2	LPG Tank Farm	Jun-12	2,138	20	0	13	na	10	Aug-12
	3/4	CP/Melvindale Tank Farms	Apr-12	1,522	26	0	1	na	9	Jul-12
	38	Rouge Terminal	May-12	50	2	0	na	1		Aug-12
		Light Product Terminal	Apr-12	808	15	0	3	na	0	Jul-12

GGG/GGGa leaking component counts includes; valves, pumps and compressors.

Revised stream/equipment name/status	Required monitoring/inspections	Inspection Status	Monitoring/ inspection rule	Equipment Classification	Note No.	Visual	Method 21*
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)				х
SR Platformer Aromatics Sump (aka CP Sump)	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks		x	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)				Х
Piping from the CP Sump to the CP Flare Secondary Knockout Drum (25V2)	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				x
CP Sump Line from 14P10 to Sour Water Collection Tank (11V25) and Low Pressure Receiver (11V4)	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)				×
CP Flare Knockout Drums - Primary (25V1) and Secondary (25V2)	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
Piping from CP Flare Knockout Drums to the Slop Tanks 23/508 or the Low Pressure Receiver (11V4)	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	, , , , , , , , , , , , , , , , , , ,	x	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)				X
Piping from Alky Spent Caustic Holding Tank (9V31) to Alky Flare Knockout Drum (9V38)	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for	Completed	61.349(f)	Closed Vent System	8	х	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)				X
Piping from Spent Caustic Drum (21V47) to CP Flare	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System		x	
Piping from Relief Valve of Merox System to CP Flare	Do not need to monitor or inspect this piping since it's now going to the flare system. Point of generation is the Flare Knockout Drum discharge.	=4	N/A	_			
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				x
Piping from Disulfide Separator (21V33 or #3 Merox) to Slop Tanks 23/508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)	Tanks			×
Tanks 508 and 23	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)			x	

	The state of the s		We would have a first to the				
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				×
Piping from Tank 507 to Slop Tanks 508 and 23	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
Gravity Drum near Tank 507 (gravity drum near Tank 59 is	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.	Completed	61.343(a)(1)(i)(A)	Tanks			X
currently out of service)	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for		61.343(c)		_	Х	_
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)				X
Tanks 29T40 and 29T41 (Permitted as QQQ tanks with external floating roofs)	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				X
Piping from API separator to Tanks 29T40/41	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
Piping from Tanks 29T40/41 to Slop Tanks 23 and 508	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System			×
	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.		61.346(a)(2)			x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				×
Piping from Unifiner, Alkylation, GOHT, and Crude Flare Knock-Out Drums to Tanks 23 and 508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., bungs, hatchs, and sampling ports) must be monitored initially and annually for NDE.	Conducted 2nd Quarter 2011	61.345(a)(1)(i)	Containers			×
Vacuum Trucks	Each cover and all openings shall be visually inspected initially and quarterly to ensure that they are closed and gasketed properly.	Completed	61.345(b)	Containers		х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				×
Piping from NHT Particulate Filter Relief to Refinery Slop System	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			\sqcup	×
riping from the Disulfide Off-Gas Knockout Drum (12V36) to Refinery Slop System	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	

	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
Piping from the West Plant Slop System to Slop Tanks 23/508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	х	
Piping associated with the carbon canister stations	Must be monitored initially and annually for NDE. Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Closed Vent System	x	×
Carbon Canisters	Must be monitored initially and annually for NDE. Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Control Devices	x	×
Water Draw Covers This includes tanks in the Crude tank farm (6, 36, 39, 40, 41, 45, 46, 47, 48, 49, 53, 61, 72), CP Tank Farm (21, 57), and Melvindale Tank Farm (102, 103, 104, 105, 106, 107, etc).	Must be monitored initially and annually for NDE. Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Closed Vent System	x	×
CP Flare	Must be monitored initially and annually for NDE. Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Control Devices	x	×
Piping from Tank 507 to the Benzene Stripper Column	Must be monitored initially and annually for NDE. Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Closed Vent System	x	>
Benzene Stripper Column (5V36)	The cover and all openings (e.g., access hatches, sampling ports, etc) must be monitored initially and annually for NDE. Each seal, access door, and all other openings shall be visually inspected initially and quarterly to ensure that no cracks or gaps occur and all openings are closed and gasketed properly.	Completed	61.348(a)(2) 61.348(e)(1)	Treatment Processes	x	×
oing from the top of the Benzene Stripper Column (5V36) to ne Overhead Condensers (5E41A/B) and to the Overhead Receiver (5V37)	Must be monitored initially and annually for NDE. Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Closed Vent System	х	×
Benzene Stripper overhead condensers (5E41A/B)	Must be monitored initially and annually for NDE. Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Closed Vent System	х	×
Piping from the Crude Desalters (5V31/32) to the Benzene Stripper Column (5V36)	Must be monitored initially and annually for NDE. Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(a)(1)(i) 61.349(f)	Closed Vent System	х	X
oing from the Benzene Stripper (5V36) to the Brute Force System	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE. Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(1)(i)(A) 61.346(a)(2)	Individual Drain System	×	X
Brute Force System	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE. Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(a)(1)(i)(A) 61.343(c)	Tanks	x	×

	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)			X
Tank 507	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
Piping from the Benzene Stripper Overhead Receiver (5V37) to the Crude Desalters	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.347(a)(1)(i)(A)			X
API separator, forebay, and associated equipment	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly to ensure that no cracks or gaps occur between the cover and oil-water separator wall and that access hatches and other openings are closed and gasketed properly.	Completed	61.347(b)	Oil-Water separators	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
Piping from Gravity Drum near Tank 507 to Slop Tanks 23 and 508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	×	
Figure 19 to	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
iping at Gravity Drum near Tank 507 and piping at Tank 8 used for Vacuum Truck Operations (Gravity Drum nea Tank 59 currently out of service).	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed 61.346(a)(2)		Individual Drain System	×	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
Piping from Tank 51 to Slop Tank 23/508.	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	х	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)			X
Tank 51/52	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks	×	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
Piping from Tank 52 to Slop Tanks 23/508.	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	×	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)		\sqcup	Х
Piping from CP Flare Secondary Knockout Drum to CP Flare	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System	x	

	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
Piping on Hydrocarbon/Liquid Line from CP Sump to FCCU Low Pressure Receiver or Refinery Slop System.	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				X
iping from CP Flare Knockout Drums to the FCCU High and Low Pressure Slop Header	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	1912.191	61.346(a)(1)(i)(A)		0		X
iping from CP Sump to FCCU High and Low Pressure Slop Header	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
Piping from FCCU High Pressure Slop Header to High Pressure Slop Bullets	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
Piping from FCCU Low Pressure Slop Header to Low Pressure Slop Bullets	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System			x
	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.		61.346(a)(2)			x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)				х
High and low pressure slop bullets	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				x
rveground Sewer Lines from Melvindale or Crude Tank Farms to Tank 507	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	- 121163	61.346(a)(1)(i)(A)				X
Piping from the Marketing Terminal Sewer to Slop Tanks 23/508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	

	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			;
Truck Drain Downs at Terminal Loading Rack	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			;
reground piping from Truck Drain Downs to NESHA Sump Terminal NESHAP Sump Tank 29T47 All piping To and From 29T47	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.345(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)			,
Terminal NESHAP Sump	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks	x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)			,
Tank 29T47	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks	x	William - North - Nort
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			,
All piping To and From 29T47	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			>
ng from Spent Caustic Tank (9V10) to New Caustic Pot (9T29)	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)			>
Spent Caustic Pot 9T29	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			>
Tank Cleanouts	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	The cover and all openings (e.g., bungs, hatchs, and sampling ports) must be monitored initially and annually for NDE.	Conducted 2nd Quarter 2011	61.345(a)(1)(i)	Containers		>
Railcars (when applicable to BWON)	Each cover and all openings shall be visually inspected initially and quarterly to ensure that they are closed and gasketed properly.	Completed	61.345(b)	Containers	x	
	The cover and all openings (e.g., bungs, hatchs, and sampling ports) must be monitored initially and annually for NDE.	Completed	61.345(a)(1)(i)	Containers		3
Frac Tanks (when applicable to BWON)	Each cover and all openings shall be visually inspected initially and quarterly to ensure that they are closed and gasketed properly.	Completed	61.345(b)	Containers	x	

	The cover and all openings (e.g., bungs, hatchs, and sampling ports) must be monitored initially and annually for NDE.	Completed Monthly	61.345(a)(1)(i)	Containers		х
Slop Oil Drums	Each cover and all openings shall be visually inspected initially and quarterly to ensure that they are closed and gasketed properly.	Completed Montally	61.345(b)	Containers	х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			X
All piping to Lab Slop Oil Tank	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)			X
Lab Slop Tank	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		×
Piping at API Separator used for Vacuum Truck Operations	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	marrida Brain Oyston	х	
Piping from Slop Tanks 23/508 to Crude Unit	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		X
	Each cover seal, access hatch, and all other openings shall be visually inspected initially		61.346(a)(2)		X	_
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			3
iping from Complex 1 Flare Knockout Drum to the Crude Flare.	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	61.349(f)		Closed Vent System	x	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i))
Crude Flare Itself	Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices	х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			>
Piping from the Propane Caustic Scrubber 9V22 to Alky Spent Caustic Holding Tank 9V31	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
Piping from the Alky Spent Caustic Holding Tank 9V31 used for Vacuum/Tank Trucks Operations	in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
Unifiner Flare Knockout Drum	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.	Completed	61.343(a)(1)(i)(A)	Tanks		×
	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for		61.343(c)		Х	_
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)	1	لے	X
iping from the Unifiner Flare Knockout Drum to the Unifiner Flare	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System	×	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			2
Unifiner Flare Itself	Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices	x	

GOHT Flare Knockout Drum	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.	Completed	61.343(a)(1)(i)(A)	Tanks			X
GOTT TIME TO SELECT	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for	15-6	61.343(c)		_	X	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			_	Х
Piping from the GOHT Flare Knockout Drum to the Unifiner Flare	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System		x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.	Completed	61.343(a)(1)(i)(A)	Tanks			х
Alky Flare Knockout Drums	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and	Completed	61.343(c)			х	
	Must be monitored initially and annually for NDE.	707=12:m11%-000	61.349(a)(1)(i)			_	Х
Piping from the Alky Flare Knockout Drums to the Alky Flare	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System		×	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			_	Х
Alky Flare Itself	Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
Piping from Caustic Wash Drum (9V10) to Spent Caustic Pot (9T29)	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61,346(a)(1)(i)(A)				X
Piping from SWS Feed Surge Drum to Slop Tanks 23/508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
) Aware and the second	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				X
Vacuum Truck Operations at Spent Caustic Tank 21T47	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				X
Piping from the CP Primary Flare Knockout Drum 25V1 to the Secondary Knockout Drum 25V2	and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			\Box	x
Piping from Disulfide Separator (21V33 or #3 Merox) to Spent Caustic Tank 21T47	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				X
Piping from the Caustic Scrubber (12V5) to Slop Tanks 23/508	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		х	

				r			$\overline{}$
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				,
Piping from the P.P Caustic Wash Tower (13V1A/B) to Spent Caustic Tank (21T47)	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)				3
Spent Caustic Tank 21T47	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks		×	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				>
Piping from the Debutanizer Ovhd Receiver 14V7/Water KO Pot to Aromatic Sump	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				,
Piping from the Fuel Gas Coalescers to Aromatic Sump	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				,
Piping from Low/High Pressure Slop Bullets to LPG Knockout Pot 22-1V5		Completed	61,346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports, and gauge wells) must be monitored initially and annually for NDE.		61.343(a)(1)(i)(A)				>
LPG Knockout Drum	Each fixed-roof, seal, access door, and all other openings shall be visually inspected for indications of cracks, gaps, or other problems that could result in benzene emissions, and that access doors and all other openings are closed and gasketed properly.	Completed	61.343(c)	Tanks		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A))
Piping from LPG Knockout Pot to Unifiner Knockout Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)				×
Piping from the Terminal NESHAP Sump to VRU or Combustor	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Closed Vent System		x	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)				>
VRU and Combustor	Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices		x	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			1100)
Fugitive Emissions Eliminator	Each control device shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices		x	T HINGH
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)		100)
RVP Analyzer	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices		x	

	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			Х
New Vacuum Truck Hookup at API Skim Pit	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices	х	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)		\vdash	Х
Piping from Spent Caustic Pot (9T29) to Vacuum Truck Hookup	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.349(f)	Control Devices	×	
	Must be monitored initially and annually for NDE.		61.349(a)(1)(i)			X
Piping from RVP Analyzer Sample to Fugitive Emissions Eliminator	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for	Completed	61.349(f)	Closed Vent System	х	- 72
Piping from the MVGO Filter Changeouts to Unit Area Slop	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		х
Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)		х	
Piping from the HVGO Filter Changeouts to Unit Area Slop	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		x
Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	х	
Piping from the LVGO Filter Changeouts to Unit Area Slop	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		x
Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	maridad Draw Oyalam	х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			х
Piping from the AGO Filter Changeouts to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			x
Compressor Lube Oil Filter Changeouts (7C2) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	×	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)			х
Compressor Lube Oil Filter Changeouts (8V31A/B) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	×	
Compressor Lube Oil Filter Changeouts (8V30A/B) to Unit	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		X
Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	marriada Diam System	х	درا
Lube Oil Filter Changeouts (9V45A/B) to Unit Area Slop	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System		x
Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	me.madi enam eyatam	х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	3.00	61.346(a)(1)(i)(A)			X
Hydraulic Oil Filter Changeouts to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System	x	

	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
Slurry Stripper Bottoms Strainer Changeouts to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		×	
27 May 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Constituted	61.346(a)(1)(i)(A)	Individual Drain System			x
Strainer Changeouts (12V47/48) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially	Completed	61.346(a)(2)	Individual Drain System		х	
Lube Oil Filter Changeouts (11V46A/B) to Unit Area Slop	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System			х
Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	Individual Drain System		х	
#6 Gas Lube Oil Filter Changeouts (12V54/55) to Unit Area	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System			х
Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)	Individual Drain System		х	
Lube Oil Filter Changeouts (12V45A/B) to Unit Area Slop	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System			х
Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially	Completed	61.346(a)(2)	Individual Drain System		х	
Lean Amine Filter Changeouts (12V45) to Unit Area Slop	in benzene emissions occur and access hatches and other openings are decided and gasketed property. The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE. Each cover seal, access hatch, and all other openings shall be visually inspected initially and quartery thereafter to ensure that no cracks, gaps, or other problems that could result for portion of the property of the problems and quartery thereafter to ensure that no cracks, gaps, or other problems that could result for portion of the problems and quartery thereafter to ensure that no cracks, gaps, or other problems that could result for portion of the problems and quartery thereafter to ensure that no cracks, gaps, or other problems that could result for portion of the problems and quartery thereafter to ensure that no cracks, gaps, or other problems that could result for portion of the problems and quartery thereafter to ensure that no cracks, gaps, or other problems that could result for portion of the problems that could result for portion of t						X
	Each cover seal, access hatch, and all other openings shall be visually inspected initially	Completed	61.346(a)(2)	Individual Drain System		х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored	2	61.346(a)(1)(i)(A)				Х
Lean Amine Surge Drum (12V9) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially	Completed	61.346(a)(2)	Individual Drain System		х	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored		61.346(a)(1)(i)(A)			П	x
Trim Compressor Lube Oil Filter Changeouts (13V15) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and	Completed	61.346(a)(2)	Individual Drain System		х	
			61.346(a)(1)(i)(A)				х
Trim Compressor Lube Oil Filter Changeouts (13V9) to Unit Area Slop Drum	and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and	Completed	61.346(a)(2)	Individual Drain System		x	
			61.346(a)(1)(i)(A)				X
Lube Oil Filter Changeouts (14ME10A/B) to Unit Area Slop Drum	and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and	Completed	61.346(a)(2)	Individual Drain System		x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				X
Lube Oil Filter Changeouts (14ME12A/B) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	

	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
Compressor Cylinder Oil Filter Changeouts (14ME18A/B) to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.346(a)(2)	Individual Drain System		x	
Compressor Lube Oil Filter Changeouts (14ME17A/B) to Unit	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.	Completed	61.346(a)(1)(i)(A)	Individual Drain System			х
Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result	Completed	61.346(a)(2)			x	
	The cover and all openings (e.g., access hatches, sampling ports) must be monitored initially and annually for NDE.		61.346(a)(1)(i)(A)				х
NHT Naphtha Feed Filter Changeouts to Unit Area Slop Drum	Each cover seal, access hatch, and all other openings shall be visually inspected initially and quarterly thereafter to ensure that no cracks, gaps, or other problems that could result in benzene emissions occur and access hatches and other openings are closed and gasketed properly.	Completed	61.345(a)(2)	Individual Drain System		x	
Piping from Alky Spent caustic tank 9V10, 9V31, and 9V40 through refiner flare line to the flare itself	Each closed vent system shall be visually inspected initially and quarterly. Inspection shall include inspection of ductwork, piping, connections to covers and control device for evidence of visible defects.	Completed	61.346(a)(2)	Individual Drain System	11-	×	
API Separator Floating Roof Inspections	5 year primary seal, Annual secondary seal.	Completed	61.352(a)(1)	Alternative Standards for Oil-Water separators	2		

- Visual inspections carried out during February 2012
 Secondary Seal was inspected during March 2012

^{*}Method 21 readings for valves are completed quarterly.

Table 8 Exceedance Summary for Various Control Equipment or Treatment Processes Second Quarter 2012 Michigan Refining Division

Equipment	Reporting Requirement	No, of Reportable Exceedances this Quarter	Regulation	Equipment Classification
Desalter Water Flash Column	Each period of operation during which the concentration of benzene is > or = to 10 ppm based upon monthly sampling of Desalter Water Flash Column effluent.	0	40 CFR 61.348(a)(1)(i) & 357(d)(7)(i)	Treatment Processes
Carbon Canisters	Each occurrence when the carbon in a carbon adsorber system that is not regenerated directly on site in the control	0	40 CFR 61.357(d)(7)(iv)(l)	Closed Vent System of Control Device
Carbon Canisters	device is not replaced at the predetermined interval specified.	0	40 CFR 60.692- 5(e)(5)	Closed Vent System of Control Device
Water Draw covers	All water draw covers associated with NESHAP program should be tightly sealed. This includes tanks in the Crude tank farm (6, 36, 39, 40, 41, 45, 46, 47, 48, 49, 53, 61, 72), CP Tank Farm (21, 57), and Melvindale Tank Farm (102, 103, 104, 105, 106, 107, 120, 125, 126, 127, 128, 133, 134, 112, 113, 114, 115, 129, 130, 176, 108, 109, 110, 116)	10	61.349(f)	Closed Vent System
Inspections ¹	Summarizes all inspections required by 61.342 through 61.354 during which detectable emissions are measured or a problem (such as a broken seal, etc.) that could result in benzene emissions, including information about the repairs or corrective action taken.	115	61,357(d)(8)	See Table 7
CP Flare	Each period in which the pilot flame of a flare is absent.	0	40 CFR 61.357(d)(7)(iv)(F)	Closed Vent System or Control Device
Unifiner Flare	Each period in which the pilot flame of a flare is absent.	0	40 CFR 61.357(d)(7)(iv)(F)	Closed Vent System or Control Device
Alkylation Flare	Each period in which the pilot flame of a flare is absent.	0	40 CFR 61.357(d)(7)(iv)(F)	Closed Vent System or Control Device
Crude Flare	Each period in which the pilot flame of a flare is absent.	0	40 CFR 61.357(d)(7)(iv)(F)	Closed Vent System or Control Device
Vapor Recovery Unit	Each 3-hour period of operation during which the average temperature of the gas stream in the combustion zone of a thermal vapor incinerator, as measured by the temperature monitoring device is more than 28 °C (50°F) below the design combustion zone temperature.	0	40 CFR 61.357(d)(7)(iv)(A)	Closed Vent System or Control Device
Combustor	Each 3-hour period of operation during which the average temperature of the gas stream in the combustion zone of a boiler or process heater having a design heat input capacity less than 44 MW, as measured by the temperature monitoring device, is more than 28°C (50°F) below the design combustion zone temperature.	0	40 CFR 61.357(d)(7)(iv)(C)	Closed Vent System or Control Device
Fugitive Emissions Eliminator	Each occurrence when the carbon in a carbon adsorber system that is not regenerated directly on site in the control device is not replaced at the predetermined interval specified.	0	40 CFR 61.357(d)(7)(iv)(l)	Closed Vent System or Control Device

Note: 1. Inspections include valves and flanges that had NDE reading above 500 ppm. If defiencies are noted, an attached summary sheet will be included.



MARATHON - DETROIT 1300 SOUTH FORT STREET DETROIT, MI 48217

07/23/2012

LEAKING EQUIPMENT LOG

Program: NESHAPS-FF

Init : 01				Test		Part	Repair	Repair	Remonitor	Date
Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
VALVE/ WTR DRW	0.00	W SIDE OF TK72 BY STAIRS	•		A			120000 11500		
			05/01/2012	M21	850 PPM	VLV-CAP	05/01/2012	ATSC	207.00	
			05/01/2012	M21	207 PPM				- Contraction -	05/01/2012
VALVE/ WTR DRW	6.00	SOUTH SIDE OF TK48								
			05/01/2012	M21	1021 PPM	VLV-SEL	05/01/2012	ATSC	1598.00	
			05/01/2012	M21	1598 PPM		05/02/2012	VLV-TCA P	74.00	
			05/02/2012	M21	74 PPM					05/02/2012
VALVE/ WTR DRW	6.00	E SIDE TK53 WATER DRAW			-					
			05/02/2012	M21	1551 PPM	VLV-CAP	05/02/2012	ATSC	1862.00	
			05/02/2012	M21	1862 PPM	***************************************	05/03/2012	VLV-TCA P	35.00	
			05/03/2012	M21	35 PPM	#F00-10511				05/03/2012
VALVE	6.00	NW SIDE TK53 WaTER draw								
			0 <mark>5/02/2</mark> 012	M21	1052 PPM	VLV-CAP	05/02/2012	ATSC	904.00	
			05/02/2012	M21	904 PPM		05/03/2012	VLV-TCA P	38.00	
			05/03/2012	M21	38 PPM					05/03/2012
	Part / Type VALVE/ WTR DRW VALVE/ WTR DRW VALVE/ WTR DRW	Part / Type Size VALVE/ WTR 0.00 DRW VALVE/ WTR 6.00 DRW VALVE/ WTR 6.00 DRW	Part / Type Size Location VALVE/ WTR 0.00 W SIDE OF TK72 BY STAIRS DRW VALVE/ WTR 6.00 SOUTH SIDE OF TK48 DRW VALVE/ WTR 6.00 E SIDE TK53 WATER DRAW DRW	Part / Type Size Location Monitor Date VALVE/ WTR DRW 0.00 W SIDE OF TK72 BY STAIRS. 05/01/2012 VALVE/ WTR DRW 6.00 SOUTH SIDE OF TK48 05/01/2012 VALVE/ WTR DRW 6.00 E SIDE TK53 WATER DRAW 05/02/2012 VALVE/ WTR DRW 6.00 E SIDE TK53 WATER DRAW 05/02/2012 VALVE 6.00 NW SIDE TK53 WaTER draw 05/02/2012 VALVE 6.00 NW SIDE TK53 WaTER draw 05/02/2012	Part / Type Size Location Monitor Date Test Method VALVE/ WTR DRW 0.00 W SIDE OF TK72 BY STAIRS. 05/01/2012 M21 VALVE/ WTR DRW 6.00 SOUTH SIDE OF TK48 05/01/2012 M21 VALVE/ WTR DRW 05/01/2012 M21 05/01/2012 M21 VALVE/ WTR DRW 6.00 E SIDE TK53 WATER DRAW 05/02/2012 M21 VALVE/ WTR DRW 05/02/2012 M21 05/02/2012 M21 VALVE 6.00 NW SIDE TK53 WATER draw 05/02/2012 M21 VALVE 6.00 NW SIDE TK53 WATER draw 05/02/2012 M21 05/02/2012 M21 05/02/2012 M21	Part / Type Size Location Monitor Date Test Method PPM Reading VALVE/ WTR DRW 0.00 W SIDE OF TK72 BY STAIRS. 05/01/2012 M21 850 PPM VALVE/ WTR DRW 6.00 SOUTH SIDE OF TK48 05/01/2012 M21 1021 PPM VALVE/ WTR DRW 6.00 SOUTH SIDE OF TK48 05/01/2012 M21 1598 PPM VALVE/ WTR DRW 6.00 E SIDE TK53 WATER DRAW DS/02/2012 M21 74 PPM VALVE/ WTR DRW 6.00 E SIDE TK53 WATER DRAW DS/02/2012 M21 1551 PPM VALVE DRW 05/02/2012 M21 1551 PPM 05/02/2012 M21 1862 PPM VALVE 6.00 NW SIDE TK53 WATER draw 05/02/2012 M21 1052 PPM VALVE 6.00 NW SIDE TK53 WATER draw 05/02/2012 M21 1052 PPM VALVE 6.00 NW SIDE TK53 WATER draw 05/02/2012 M21 1052 PPM	Part / Type	Part / Type	Nation N	National Part Type Size Location Monitor Date Method PM Reading Leaking Repair Date Method Reading R

Program: NESHAPS-FF

Reporting Period 04/01/2012 - 06/30/2012

Process	U	n	it	:	01	l

Test Part Repair Repair Remonitor Date Tag Number Part / Type PPM Reading Size Location **Monitor Date** Method Leaking Date Method Reading Completed

	Process Unit 01 Summary							
	Component Count	Leak Count						
Total in Group	4	4						
Total Valves	4	4						
Total Pumps	0	0						
Total Compressors	0	0						
Total Relief Valves	0	0						
Total Connectors	0	0						
Total Agitators	0	0						
Total Other Equipment	0	0						

Program: NESHAPS-FF

Process U	Jnit : 02											
Tag Number	Part / Type	Size	Location M	Monitor Date		Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
			DOT LINE S SIDE OF TK98 40F		Allele V (com							
2324	VALVE/ CTRL	4.00	TORONTO RDWY. CV MOV 16/	ALDIA PURCUARA TOTAL								
					1/2012	VIS	F	VLV-PKG	06/11/2012	VLV-CL	686.00	
			-	06/1	1/2012	M21	686 PPM		2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2			an grande
			9	06/1	1/2012	M21	8.9 PPM					
			S 	06/1	1/2012	VIS	Р					06/11/2012
2366	VALVE/ BALL	3.00	15FT SW OF TK98 @UG-5-009	DOT LINE	***	Placed or	Delay for Turnard	und on 05/02/2	2012			
				04/1	8/2012	M21	3504 PPM	VLV-PKG	04/18/2012	VLV-CL	2155.00	
			45-	04/1	8/2012	M21	2155 PPM		04/20/2012	VLV-INJ	1800.00	
			3. -	04/2	0/2012	M21	1800 PPM	*	05/16/2012	VLV-CL	0.00	
			n	05/1	6/2012	VIS	F					
				05/1	6/2012	M21	18500 PPM					
				05/1	6/2012	M21	38100 PPM		06/11/2012	VLV-CL	17400.00	
				06/1	1/2012	M21	17400 PPM					
				06/1	1/2012	M21	6420 PPM				WALKE TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE TO	
2371.01	CONNECTOR/ FLANGE	3.00	11FT NW OF 22P51@UG-5-017	DOT LINE	West Day							
				06/1	1/2012	VIS	F	CON-FLG	06/11/2012	CON-CLA	1166.00	
				06/1	1/2012	M21	1166 PPM					
				06/1	1/2012	M21	546 PPM		06/12/2012	CON-CLA	88.00	
			: 	06/1	2/2012	M21	88 PPM					
			(c. 100)	06/1	2/2012	VIS	P					06/12/2012
2379	VALVE/ BALL	3.00	13FT NW OF 22P51. @ UG-5-0	15			220	C24000000000000000000000000000000000000	(8015)00000000000000000000000000000000000	2523278328	(<u>2.200</u>) 12 2 3	
			_	06/1	1/2012	VIS	F	VLV-PLUG	06/11/2012	VLV-CL	894.00	
			_	06/1	1/2012	M21	894 PPM					
			_	06/1	1/2012	M21	1012 PPM		06/12/2012	VLV-TPL G	4.00	
			<u>~</u>	06/1	2/2012	M21	4 PPM		Town Constitution of the c			
				06/1	2/2012	VIS	Р					06/12/201

Program: NESHAPS-FF

Process L	Init: 02											
Tag Number	Part / Type	Size	Location M	onitor Date		Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2383A	VALVE/ CHECK	6.00	3FT NW OF 22P51.NE OF CASIN PRESSURE PANEL	iG	ne har af		mire) etel e opitilistumismu				t yan gel tithai	
				06/11/2	012	VIS	F	VLV-FLG	06/11/2012	VLV-CL	3787.00	
				06/11/2	012	M21	3787 PPM			liio		
				06/11/2	012	M21	3322 PPM		06/12/2012	VLV-TFL G	150.00	
				06/12/2	012	M21	150 PPM			2.21		
				06 <mark>/</mark> 12/2	012	VIS	Р					06/12/2012
2409.04	CONNECTOR/ 45	0.75	S OF 22P51@ BTM ON FLARE I	INE		1					41 242	
			<u></u>	03/29/2	012	M21	1053 PPM	CON	03/29/2012	CON-CLA	1292.00	
				03/29/2	012	M21	1292 PPM		04/02/2012	CON-TC ON	2.00	
			-	04/02/2	012	M21	2 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2	012	VIS	Р					
			-	04/10/2	012	M21	241 PPM			***************************************		04/10/2012
2423.05	CONNECTOR/ 90	1.00	E OF 22P50.W OF STAIRS.				#3000 (III - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1					
				06/11/20	012	VIS	F	CON-90	06/11/2012	CON-CLA	802.00	
				06/11/2	012	M21	802 PPM					
			-	06/11/2	012	M21	294 PPM					
			-	06/11/2	012	VIS	Р					06/11/2012
2423.06	CONNECTOR/ 90	1.00	E OF 22P50.W OF STAIRS.		X 22 197111 **	W/WW = 11 2 40 = = =				22.00		
				03/29/2	012	M21	22300 PPM	CON-90	03/29/2012	CON-CLA	24800.00	
				03/29/2	012	M21	24800 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2	012	VIS	Р		CALLED TO THE PARTY OF THE PART			
				04/10/2	012	M21	152 PPM					04/10/2013

Program: NESHAPS-FF

Process L	Init: 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2423.06	CONNECTOR/ 90	1.00	E OF 22P50.W OF STAIRS.		May and propagation of the	- CONTRACTOR OF THE CONTRACTOR					
				06/11/2012	M21	30100 PPM	CON-90	06/11/2012	CON-CLA	14400.00	
				06/11/2012	M21	14400 PPM		06/25/2012	CON-RE P	0.00	-Also 4111-22 - 22-210-2
				06/25/2012	VIS	Р			=700/05-7000		
				06/25/2012	M21	5 PPM		COMPANY OF THE COLUMN			06/25/2012
2423.07	CONNECTOR/ SCREWED	1.00	E OF 22P50.W OF STAIRS.								
				03/29/2012	M21	19100 PPM	CON	03/29/2012	CON-CLA	30400.00	
				03/29/2012	M21	30400 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2012	VIS	P					
				04/10/2012	M21	301 PPM					04/10/2012
2423.08	CONNECTOR/ UNION	1.00	E OF 22P50.W OF STAIRS.			55.00 mm22002-00		10.			
				03/29/2012	M21	4464 PPM	CON-UNIO N	03/29/2012	CON-CLA	4010.00	
				03/29/2012	M21	4010 PPM		04/10/2012	CON-TU	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	97 PPM					04/10/2012
2423.11	CONNECTOR/ COUPLING	1.00	E OF 22P50.W OF STAIRS.		The state of the s		11.				
				06/11/2012	VIS	F	CN-TC	06/11/2012	CON-CLA	4534.00	
				06/11/2012	M21	4534 PPM		200 - 200 100 H 100 H			
				06/11/2012	M21	2364 PPM		06/25/2012	CON-RE P	125.00	
				06/25/2012	M21	125 PPM					
				06/25/2012	VIS	Р					06/25/2012
2423.12	CONNECTOR/ COUPLING	1.00	E OF 22P50.W OF STAIRS.							ne = (0.99 ₂)	

Program: NESHAPS-FF

Process L	Jnit: 02							0.22			
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2423.12	CONNECTOR/ COUPLING	1.00	E OF 22P50.W OF STAIRS.								69mg/s
				03/29/2012	M21	19000 PPM	CON	03/29/2012	CON-CLA	18700.00	
				03/29/2012	M21	18700 PPM	80 DOMENT N. JOSEPH N. 12 VI.	04/10/2012	CON-TC ON	0.00	45-73-7 om 20-7 on 3 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
				04/10/2012	VIS	Р					
				04/10/2012	M21	108 PPM					04/10/2012
2423.12	CONNECTOR/ COUPLING	1.00	E OF 22P50.W OF STAIRS.			Section 1980					
				06/11/2012	M21	16500 PPM	CN-TC	06/11/2012	CON-CLA	21600.00	
				06/11/2012	M21	21600 PPM		06/25/2012	CON-RE P	63.00	
				06/25/2012	M21	63 PPM					06/25/2012
2424.01	CONNECTOR/ 90	1.00	E OF 22P50 @ PUMPSEAL								:
8				06/11/2012	VIS	F	CON-90	06/11/2012	CON-CLA	1192.00	
				06/11/2012	M21	1192 PPM	081-0491 C-321 U S1				
				06/11/2012	M21	1552 PPM		06/25/2012	CON-RE	110.00	
				06/25/2012	M21	110 PPM					
				06/25/2012	VIS	Р					06/25/2012
2424.06	CONNECTOR/ 90	1.00	E OF 22P50 @ PUMPSEAL								
				03/29/2012	M21	984 PPM	CON-90	03/29/2012	CON-CLA	1001.00	
				03/29/2012	M21	1001 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	76 PPM		manus - mas		- water water to be a second	04/10/2012
2424.06	CONNECTOR/ 90	1.00	E OF 22P50 @ PUMPSEAL					300 - Alexandra (100 - 1			
				06 <mark>/</mark> 11/2012	M21	1623 PPM	CON-90	06/11/2012	CON-CLA	204.00	

Program: NESHAPS-FF

Process L	Init : 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				06/11/2012	M21	204 PPM					06/11/2012
2424.07	CONNECTOR/ SCREWED	1.00	E OF 22P50 @ PUMPSEAL		110.10						
				03/29/2012	M21	640 PPM	CON	03/29/2012	CON-CLA	765.00	
				03/29/2012	M21	765 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	45 PPM				n-nen-www	04/10/2012
2424.07	CONNECTOR/ SCREWED	1.00	E OF 22P50 @ PUMPSEAL				V 1000,000 V V 100 V				,
				06/11/2012	M21	720 PPM	CN-TC	06/11/2012	CON-CLA	483.00	
				06/11/2012	M21	483 PPM	315300-0012 00001111100	. — S. 154 TAKANIN MENTANI MENTANI			06/11/2012
2424.08	CONNECTOR/ UNION	1.00	E OF 22P50 @ PUMPSEAL				***				
				03/29/2012	M21	657 PPM	CON-UNIO	03/29/2012	CON-CLA	660.00	
				03/29/2012	M21	660 PPM		04/10/2012	CON-TU	0.00	
				04/10/2012	VIS	Р	_			· · · · · · · · · · · · · · · · · · ·	5-West-Wilder
				04/10/2012	M21	156 PPM				and the second s	04/10/2012
2424.08	CONNECTOR/ UNION	1.00	E OF 22P50 @ PUMPSEAL								
				06 <mark>/</mark> 11/2012	M21	745 PPM	CON-SCR	06/11/2012	CON-CLA	2395.00	
				06/11/2012	M21	2395 PPM		06/25/2012	CON-RE P	340.00	
				06/25/2012	M21	340 PPM					06/25/2012
2424.09	CONNECTOR/ SCREWED	1.00	E OF 22P50 @ PUMPSEAL								
				03/29/2012	M21	542 PPM	CON	03/29/2012	CON-CLA	1291.00	
				03/29/2012	M21	1291 PPM		04/10/2012	CON-TC ON	0.00	

Program: NESHAPS-FF

Process L	Jnit: 02									Congression of the Congression o	
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				04/10/2012	VIS	Р					
				04/10/2012	M21	15 PPM					04/10/2012
2424.09	CONNECTOR/ SCREWED	1.00	E OF 22P50 @ PUMPSEAL								
				06/11/2012	M21	889 PPM	CON-SCR	06/11/2012	CON-CLA	732.00	
				06/11/2012	M21	732 PPM		06/25/2012	CON-RE	384.00	
				06/25/2012	M21	384 PPM					06/25/2012
2424.10	CONNECTOR/ TEE-FLG	1.00	E OF 22P50 @ PUMPSEAL								
				03/29/2012	M21	561 PPM	CON-TEE	03/29/2012	CON-CLA	544.00	
				03/29/2012	M21	544 PPM		04/10/2012	CON-TFL G	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	147 PPM				Mina years Mile	04/10/2012
2424.10	CONNECTOR/ TEE-FLG	1.00	E OF 22P50 @ PUMPSEAL				10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				W 32.5-2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
				06/11/2012	M21	3824 PPM	CON-TEE	06/11/2012	CON-CLA	5926.00	
				06/11/2012	M21	5926 PPM		06/25/2012	CON-RE	104.00	
				06/25/2012	M21	104 PPM					06/25/2012
2424.11	CONNECTOR/ TEE-FLG	1.00	E OF 22P50 @ PUMPSEAL		- Int 1929 III						40 may 2000 - 10 mg 1 mg 2 mg 2 mg 12 mg 1
				03/29/2012	M21	5049 PPM	CON-TEE	03/29/2012	CON-CLA	19600.00	
				03/29/2012	M21	19600 PPM		04/10/2012	CON-TF	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	340 PPM					04/10/2012
2424.11	CONNECTOR/ TEE-FLG	1.00	E OF 22P50 @ PUMPSEAL		111 111 111						
				06/11/2012	M21	6873 PPM	CON-TEE	06/11/2012	CON-CLA	9536.00	

Program: NESHAPS-FF

Process L	Jnit: 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				06/11/2012	M21	9536 PPM		06/25/2012	CON-RE	106.00	
				06/25/2012	M21	106 PPM	C-WSVC HIRIHIDA				06/25/2012
2424.12	CONNECTOR/ TEE-FLG	1.00	E OF 22P50 @ PUMPSEAL					**************************************			
				03/29/2012	M21	10700 PPM	CON-TEE	03/29/2012	CON-CLA	7348.00	
				03/29/2012	M21	7348 PPM		04/10/2012	CON-TF	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	92 PPM					04/10/2012
2424.13	CONNECTOR/ 90	1,00	E OF 22P50 @ PUMPSEAL								
				03/29/2012	M21	4504 PPM	CON-90	03/29/2012	CON-CLA	3497.00	
				03/29/2012	M21	3497 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	289 PPM					04/10/2012
2425	VALVE/ BALL	1.00	E OF 22P50.W OF STAIRS	03/29/2012	M21	1285 PPM	VLV-PKG	03/29/2012	VLV-CL	1392.00	
				03/29/2012	M21	1392 PPM		04/10/2012	VLV-TP	67.00	
				04/10/2012	M21	67 PPM					04/10/2012
2426	VALVE/ BALL	0.75	N OF 22P50.W OF STAIRS				W	-			\
				03/29/2012	M21	1098 PPM	VLV-PKG	03/29/2012	VLV-CL	1602.00	
				03/29/2012	M21	1602 PPM		04/10/2012	VLV-TP	5.00	
				04/10/2012	M21	5 PPM					04/10/2012
2428.11	CONNECTOR/ TEE-SCR	1.00	N OF 22P50,W OF STAIRS.								
				03/29/2012	M21	2309 PPM	CON-TEE	03/29/2012	CON-CLA	1632.00	
				03/29/2012	M21	1632 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2012	VIS	Р		20	anette and the same		menance — —

Program: NESHAPS-FF

Process U	Init : 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
		30000		04/10/2012	M21	7 PPM					04/10/2012
2429.01	CONNECTOR/ SCREWED	0.75	N OF 22P50.W OF STAIRS.								
				03/29/2012	M21	2861 PPM	CON-TEE	03/29/2012	CON-CLA	2707.00	
				03/29/2012	M21	2707 PPM		04/10/2012	CON-TC ON	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	21 PPM					04/10/2012
2429.01	CONNECTOR/ SCREWED	0.75	N OF 22P50.W OF STAIRS.								
				06/11/2012	M21	2357 PPM	CN-TC	06/11/2012	CON-CLA	1009.00	
				06/11/2012	M21	1009 PPM		06/25/2012	CON-RE P	53.00	
				06/25/2012	M21	53 PPM			*****		06/25/2012
2430.01	CONNECTOR/ SCREWED	1.00	N OF 22P50.W OF STAIRS.								
				06/11/2012	VIS	F	CN-TC	06/11/2012	CON-CLA	777.00	*
				06/11/2012	M21	777 PPM		(A)			
				06/11/2012	M21	109 PPM					
				06/11/2012	VIS	Р					06/11/2012
2452	VALVE/ TWIN SEAL	3.00	9FT S OF TK99. DOT LINE								
				03/27/2012	M21	1516 PPM	VLV-PKG	03/27/2012	VLV-CL	680.00	
				03/27/2012	M21	680 PPM		04/10/2012	VLV-TP	17.00	
				04/10/2012	M21	17 PPM				ili eran	04/10/2012
2459.01	CONNECTOR/ 90	1.00	12FT SE OF TK99. DOT LIN	IE .							
	sers (All)			06/11/2012	VIS	F	CON-90	06/11/2012	CON-CLA	1261.00	XX-34
				06/11/2012	M21	1261 PPM					Womania
				06/11/2012	M21	5367 PPM	. Exception with the second	06/22/2012	CON-TC	40.00	

Program: NESHAPS-FF

Process L	Init: 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
nga gamatan) ina gabaga tan Tidaka				and the University of the States of the Stat		######################################			ON		
			-	06/22/201	2 M21	40 PPM			5.10		
			•	06/22/201		Р					06/22/2012
2460.01	CONNECTOR/ SCREWED	1.00	12FT SE OF TK99, DOT LINE								
				03/27/201	2 M21	806 PPM	CON	03/27/2012	CON-CLA	891.00	
				03/27/201	2 M21	891 PPM		04/10/2012	CON-TC ON	0.00	
			•	04/10/201	2 VIS	Р			iidii ee ee ee		
				04/10/201	2 M21	15 PPM				######################################	04/10/2012
2460.01	CONNECTOR/ SCREWED	1.00	12FT SE OF TK99. DOT LINE								
				06 <mark>/1</mark> 1/201	2 M21	2838 PPM	CON-SCR	06/11/2012	CON-CLA	15200.00	
				06/11/201	2 M21	15200 PPM		06/22/2012	CON-TC ON	84.00	
			•	06/22/201	2 M21	84 PPM		06/25/2012	CON-RE P	14.00	
			•	06/25/201	2 M21	14 PPM		· · · · · · · · · · · · · · · · · · ·			06/25/2012
2461.01	CONNECTOR/ SCREWED	0.75	12FT SE OF TK99. DOT LINE	7 () () () () () () () () () (
			2	06/11/201	2 VIS	F	CN-TC	06/11/2012	CON-CLA	15100.00	- 1 - w
				06 <mark>/</mark> 11/201	2 M21	15100 PPM					
				06/11/201	2 M21	23800 PPM		06/22/2012	CON-TC ON	26.00	
				06/22/201	2 M21	26 PPM				O. N. A. H. M. C. C.	
			Annual III	06/22/201	2 VIS	Р	100000000000000000000000000000000000000				06/22/2012
2461.02	CONNECTOR/ SCREWED	0.75	12FT SE OF TK99, DOT LINE	· ·							
				03/27/201	2 M21	695 PPM	CON	03/27/2012	CON-CLA		
				03/27/201	2 M21	685 PPM		04/10/2012	CON-TC	0.00	

Program: NESHAPS-FF

Process U	Init: 02		The second secon				Part	Dana!-	Ponsis	Romanitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
	and the second s								ON		
				04/10/2012	VIS	Р					***
				04/10/2012	M21	29 PPM	Line Control				04/10/2012
2497.01	CONNECTOR/ FLANGE	8.00	15FT S OF TK191.DOT LINE								
				03/27/2012	M21	999 PPM	CON-FLG	03/27/2012	CON-CLA		
				03/27/2012	M21	1712 PPM		04/10/2012	CON-TF	0.00	
				04/10/2012	VIS	P					
				04/10/2012	M21	39 PPM	100000000000000000000000000000000000000				04/10/2012
2497.01	CONNECTOR/ FLANGE	8.00	15FT S OF TK191.DOT LINE								
				06/12/2012	M21	964 PPM	CON-FLG	06/12/2012	CON-CLA	C 2007 - C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	
				06/12/2012	M21	820 PPM		06/22/2012	CON-TFL G	1203.00	
				06/22/2012	M21	1203 PPM		06/25/2012	CON-RG SK	76.00	
				06/25/2012	M21	76 PPM					06/25/2012
2500.12	CONNECTOR/ PLUG	2.00	16FT S OF TK191.DOT LINE VLV	4WAY CV S OF							
				06/12/2012	VIS	F	CON-PLG	06/12/2012	CON-CLA	591.00	
				06/12/2012	M21	591 PPM					
				06/12/2012	M21	563 PPM		06/22/2012	CON-TPL G	668.00	
				06/22/2012	2 M21	668 PPM		06/25/2012	CON-RPL G	196.00	
				06/25/2012	2 M21	196 PPM					
				06/25/2012	V CONTRACT	Р					06/25/2012
2502.01	CONNECTOR	0.75	20FT S OF TK191.DOT LIN	<u> </u>				5	CONCI	964.00	
				03/27/201	2 M21	2011 PPM	CON-UNIO	03/27/2012	CON-CL	964.00	

Program: NESHAPS-FF

Process U	Init : 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2502.01	CONNECTOR/ UNION	0.75	20FT S OF TK191.DOT LINE	ta men ili Si biologisti, and od standard					A Commission of the Commission		
							N				
				03/27/2012	M21	964 PPM		04/10/2012	CON-TU	0.00	
				04/10/2012	VIS	Р				11100 11100 1111	
				04/10/2012	M21	152 PPM					04/10/2012
2502.01	CONNECTOR/ UNION	0.75	20FT S OF TK191.DOT LINE								
				06/12/2012	M21	5659 PPM	CON-UNIO N	06/12/2012	CON-CLA	2673.00	
				06/12/2012	M21	2673 PPM		06/22/2012	CON-TU	8.00	
				06/22/2012	M21	8 PPM		06/25/2012	CON-RE	25.00	
				06/25/2012	M21	25 PPM					06/25/2012
2508.02	CONNECTOR/ TEE-SCR	0.50	30FT SE OF TK191.DOT LIN	E CORNER							
				03/27/2012	M21	2279 PPM	CON-TUB	03/27/2012	CON-CLA	2660.00	
				03/27/2012	M21	2660 PPM		04/10/2012	CON-TIG	0.00	
				04/10/2012	VIS	Р					
				04/10/2012	M21	34 PPM					04/10/2012
2508.02	CONNECTOR/ TEE-SCR	0.50	30FT SE OF TK191.DOT LIN	E CORNER							
				06/12/2012	M21	902 PPM	CON-TEE	06/12/2012	CON-CLA		
				06/12/2012	M21	2532 PPM		06/25/2012	CON-RE P	4.00	
				06/25/2012	M21	4 PPM		White his seemed			06/25/2012
2508.03	CONNECTOR/ TEE-SCR	0.50	30FT SE OF TK191.DOT LIN	E CORNER							
				03/27/2012	M21	3881 PPM	CON-TUB	03/27/2012	CON-CLA	4025.00	
				03/27/2012	M21	4025 PPM		04/10/2012	CON-TFI	0.00	
				04/10/2012	VIS	Р	William Co.				ATT A STATE OF THE AREA OF THE

Program: NESHAPS-FF

Process U	Jnit: 02										
Tag Number	Part / Type	Size	Location N	Ionitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				04/10/2012	M21	284 PPM					04/10/2012
2508.03	CONNECTOR/ TEE-SCR	0.50	30FT SE OF TK191.DOT LINE	CORNER				divinu davi			
				06/12/2012	M21	1809 PPM	CON-TUB	06/12/2012	CON-CLA	1110.00	
			_	06/12/2012	M21	1110 PPM		06/25/2012	CON-RE	4.00	
				06/25/2012	M21	4 PPM					06/25/2012
2510.03	CONNECTOR/ COUPLING	0.25	30FT SE OF TK191.DOT LINE	CORNER							******
				06/12/2012	VIS	F	CON-CAP	06/12/2012	CON-CLA	1918.00	
				06/12/2012	M21	1918 PPM					
			(V _{eell})	06/12/2012	M21	199 PPM					
				06/12/2012	VIS	Р		147-161		encomo.	06/12/2012
2528	VALVE/ BALL	0.75	16FT SE OF TK191.DOT LINE.			****					WWW
				03/27/2012	M21	1949 PPM	VLV-PKG	03/27/2012	VLV-CL	1403.00	
			(#	03/27/2012	M21	1403 PPM 242 PPM		04/10/2012	VLV-TP	242.00	0.1/10/0010
2586.03	CONNECTOR/ FLANGE	2.00	TOP S SIDE OF TK 99 TOP FLA	04/10/2012 NGE	M21	242 PPW				WW. 98	04/10/2012
				06/04/2012	VIS	F	CON-FLG	06/04/2012	CON-CLA	3661.00	
				06/04/2012	M21	3661 PPM			New York		**************************************
			_	06/04/2012	M21	6828 PPM		06/05/2012	CON-TFL G	260.00	
			· -	06/05/2012	M21	260 PPM					
			-	06/05/2012	VIS	Р					06/05/2012
2635.02	CONNECTOR/ 90-FLG	4.00	22P42 W OF TK 98. N FLANGE.								
			-102	06/04/2012	VIS	F	CON-FLG	06/04/2012	CON-CLA	1598.00	
			r <u></u>	06/04/2012	M21	1598 PPM	y	06/04/2012	CON-CLA	2068.00	
				06/04/2012	M21	2068 PPM		06/05/2012	CON-TFL	160.00	

Program: NESHAPS-FF

Process L	Jnit: 02	,1,1,1,1							E-C-St		
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
									G		
				06/05/20	12 M21	160 PPM					-
				06/05/20	PARTIES.	Р					06/05/2012
2644.07	CONNECTOR/ PLUG	0.75	22P81 W OF TK 98.1FT N OF	PUMP.							
				06/05/20	12 VIS	F	CON-PLG	06/05/2012	CON-CLA	2766.00	
			0	06/05/20	12 M21	2766 PPM				110	
			,	06/05/20	12 M21	3521 PPM		06/06/2012	CON-TPL G	5.00	
				06/06/20	12 M21	5 PPM					
				06/06/20	ı2 VIS	Р			*		06/06/2012
2645.01	CONNECTOR/ FLANGE	3.00	22P81 W OF TK 98.1FT N OF FLANGE.	PUMP.S							
			2	06/05/20	2 VIS	F	CON-FLG	06/05/2012	CON-CLA	1087.00	
				06/05/20	2 M21	1087 PPM	— mail				
				06/05/20	2 M21	1858 PPM	-32	06/06/2012	CON-RPF LG	250.00	
			•	06/06/20	2 M21	250 PPM				management in the second	
	55			06/06/20	2 VI\$	Р					06/06/2012
2656.01	CONNECTOR/ FLANGE	3.00	UNDERNEATH TK99 IN MIDD FLANGE.	LE .TOP				*			
			_	06/05/20	2 VIS	F	CON-FLG	06/05/2012	CON-CLA	888.00	
				06/05/20	2 M21	888 PPM					
				06/05/20	2 M21	1607 PPM	ninii —	06/06/2012	CON-CLA	200.00	
				06/06/201	2 M21	200 PPM	10 hay 2 min 1991				
		00/200		06/06/20	2 VIS	Р					06/06/2012
2659	VALVE/ ORBIT	4.00	UNDERNEATH TK190 NW SIE	DE.btw 99/190							
				0 <mark>6/05/20</mark>	2 VIS	F	VLV-PKG	06/05/2012	VLV-CL	1599.00	
				06/05/201	2 M21	1599 PPM	aniilaatii 14-n aastal nololisti			WWW.01128.60	10000000

Program: NESHAPS-FF

Process U	Jnit: 02			7,000					illianivis-Cat		
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				06/05/2012	M21	2788 PPM		06/06/2012	VLV-TP	82.00	
			(06/06/2012	M21	82 PPM		Am W			
			-	06/06/2012	VIS	Р	AV				06/06/2012
2664A	CONNECTOR/ FLANGE	4.00	UNDERNEATH TK190 E SIDE.				10 100				
			n=	06/05/2012	VIS	F	CON-FLG	06/05/2012	CON-CLA	702.00	
			-	06/05/2012	M21	702 PPM		Source Age			
				06/05/2012	M21	635 PPM		06/06/2012	CON-CLA	180.00	
			•	06/06/2012	M21	180 PPM					
			3. -	06/06/2012	VIS	Р					06/06/2012
2666	VALVE/ CHECK	3.00	UNDERNEATH TK191 IN MIDD	LE.						1	
			_	06/05/2012	VIS	F	VLV-BON	06/05/2012	VLV-CL	767.00	
			<i>07</i> =	06/05/2012	M21	767 PPM					
				06/05/2012	M21	62.88 PPM	1-44				with the second
				06/05/2012	VIS	Р		W.W.			06/05/2012
2776.01	CONNECTOR/ FLANGE	4.00	TOP OF TK 191, S SIDE 1FT O BTM FLANGE.	F CATWALK.					1 (0.000)		
			_	06/06/2012	VIS	F	CON-FLG	06/06/2012	CON-CLA	26400.00	
			÷ 	06/06/2012	M21	26400 PPM					
			9 80	06/06/2012	M21	77100 PPM		06/11/2012	CON-TF	4.00	
			1.20	06/11/2012	M21	4 PPM				ucon wantar	2
			· -	06/11/2012	VIS	Р	TO 1007 - 1007 AND 140 MANAGEMENT				06/11/2012
2813.01	CONNECTOR/ SCREWED	0.50	N SIDE OF TK 190 @ BTM.	100 m. 2000 M.							The state of the s
				06/06/2012	VIS	F	CON	06/06/2012	CON-CLA	1903.00	
				06/06/2012	M21	1903 PPM	XXX 18.13 (17.13 (10.48.13) 13.23 (10.48.13)				
			· -	06/06/2012	M21	617 PPM		06/07/2012	CON-CLA	5.00	
) -	06/07/2012	M21	5 PPM					
			-	06/07/2012	VIS	Р				ese (100 miles)	06/07/2012

Program: NESHAPS-FF

Process l	Jnit: 02										- viriimuummuu
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
2813.04	CONNECTOR/ SCREWED	0.50	N SIDE OF TK 190 @ BTM.		-						
				06/06/2012	VIS	F	CON-CAP	06/06/2012	CON-CLA	6095.00	
				06/06/2012	M21	6095 PPM					
				06/06/2012	M21	11900 PPM		06/07/2012	CON-TPL G	5.00	
				06/07/2012	M21	5 PPM				=	
				06/07/2012	VIS	Р		******		and the state of t	06/07/2012
2826.01	CONNECTOR/ FLANGE	3.00	N SIDE OF TK 99 @ BTM. TO	OP FLANGE.	3.00 de 1		***************************************				
				06/06/2012	VIS	F	CON-FLG	06/06/2012	CON-CLA	1170.00	
				06/06/2012	M21	1170 PPM					
				06/06/2012	M21	747 PPM		06/06/2012	CON-TFL G	170.00	
				06/06/2012	M21	170 PPM					
				06/06/2012	VIS	Р				70.00 - 10.00	06/06/2012
2866.02	CONNECTOR/ FLANGE	3.00	BTWN TK 99 & 98. N SIDE S TOP FLANGE.	OF LADDER.			- 10 (P		mann		
				06/07/2012	VIS	F	CON-FLG	06/07/2012	CON-CLA	1805.00	
				06/07/2012	M21	1805 PPM					
				06/07/2012	M21	1614 PPM		06/08/2012	CON-CLA	72.00	
				06/08/2012	M21	72 PPM			C. III M. III - M. W. W. W.		
				06/08/2012	VIS	Р					06/08/2012
3319A.01	CONNECTOR/ FLANGE	3.00	TOP OF TK 89 N OF CATWAI CHAINED AREA	K INSIDE OF							
				06/12/2012	VIS	F	CON-FLG	06/12/2012	CON-CLA	1362.00	
				06/12/2012	M21	1362 PPM					
				06/12/2012	M21	76.52 PPM	WINE CO.		11		
				06/12/2012	VIS	Р	Hilling Section 1	W W			06/12/2012
3414.01	CONNECTOR/ PLUG	0.75	SSD OF BULLET 93 1FT SW SMPL STATION 10FT E OF B								

Program: NESHAPS-FF

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
3414.01	CONNECTOR/ PLUG	0.75	SSD OF BULLET 93 1FT SW SMPL STATION 10FT E OF				inmanina in				
				06/13/2012	VIS	F	CON-SCR	06/13/2012	CON-CLA	11800.00	
				06/13/2012	M21	11800 PPM	***************************************				
				06/13/2012	M21	6119 PPM		06/14/2012	CON-TC ON	0.00	
				06/14/2012	VIS	Р					
			The second secon	06/14/2012	M21	9 PPM					06/14/2012
3461.01	CONNECTOR/ PLUG	0.75	SWSD OF BULLET 92 OVHI 10FT FROM BULLET 91	OF LVL ARM							
				06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-CLA	124900.00	
				06/14/2012	M21	124900 PPM					
				06/14/2012	M21	86500 PPM		06/15/2012	CON-TPL G	0.00	
				06/15/2012	VIS	Р		WINDOW			
				06/15/2012	M21	13 PPM					06/15/2012
3467.01	CONNECTOR/ PLUG	0.75	SESD OF BULLET 91 OVHD 10FT FROM BULLET 90	OF LVL ARM						<u> </u>	MISSING CO.
				06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-RPL G	2663.00	
				06/14/2012	M21	2663 PPM		June			
				06/14/2012	M21	171 PPM		******			No
				06/15/2012	VIS	Р					06/15/2012
3473.01	CONNECTOR/ PLUG	0.50	BLW SSD OF BULLET 91 10 BULLET 90	FT FROM							
				06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-TPL G	2225.00	
				06/14/2012	M21	2225 PPM			12-2 TAPES-CAPATRA (OC.		
				06/14/2012	M21	2008 PPM		06/15/2012	CON-TPL G	0.00	

Program: NESHAPS-FF

Process l	Jnit: 02										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				06/15/201	2 VIS	P				,	
			>-	06/15/201	210 201400	17 PPM					06/15/201
3486A.05	CONNECTOR/ PLUG	0.75	SWSD OF BULLET 91 4FT FRO UNDER CATWALK	OM BULLET 90					E-10-11-2		
			_	06/14/201	2 VIS	F	CON-PLG	06/14/2012	CON-CLA	981.00	
			te s	06/14/201	2 M21	981 PPM					110
			_	06/14/201	2 M21	1196 PPM		06/15/2012	CON-TPL G	0.00	
			_	06/15/201	2 VIS	Р		- colored doctors in the		110.11	
			\ <u>-</u>	06/15/201	2 M21	30 PPM					06/15/201
3497.01	CONNECTOR/ PLUG	0.75	BLW SWSD OF BULLET 90 10 BULLET 89	FT E OF							
			-	06/14/201	2 VIS	F	CON-PLG	06/14/2012	CON-CLA	526.00	
			_	06/14/201	2 M21	526 PPM			Line of the State		
				06/14/201	2 M21	533 PPM		06/15/2012	CON-TPL G	0.00	
			65	06/15/201	2 VIS	Р	- 1 dwn 12		,		94
			4K	06/15/201	2 M21	10 PPM					06/15/2012
3514.01	CONNECTOR/ PLUG	0.75	SWSD OF BULLET 90 OUTSIDE LADDER RIGHT SIDE 10FT E								
			_	06/14/201	2 VIS	F	CON-PLG	06/14/2012	CON-CLA	1080.00	
				06/14/201	2 M21	1080 PPM	19-19-19-19-19-19-19-19-19-19-19-19-19-1	######################################			
			-	06/14/201	2 M21	888 PPM		06/15/2012	CON-TPL G	0.00	
				06/15/201	2 VIS	Р					
				06/15/201	2 M21	7 PPM					06/15/2013
3762	VALVE/ ORIFIC	0.75	IN PIPERACK 20FT NW OF 22V	√5. 04/19/201	2 M21	739 PPM	VLV-BON	04/19/2012	VLV-CL	914.00	
			-	04/19/201		914 PPM		04/19/2012	VLV-CL	85.00	- Inches
			()	A STATE OF THE STA							

Program: NESHAPS-FF

Process L	JIIIL. UZ										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				04/20/2012	M21	85 PPM		04/20/2012	VLV-TBO N	Ammortin	04/20/2012
3963.01	CONNECTOR/ PLUG	1.00	ON PUMP 22P87 DISCHA TK80	RGE LINE 10' W OF							
				06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-CLA	823.00	
				06/14/2012	M21	823 PPM			Julius		
				06/14/2012	M21	2287 PPM		06/15/2012	CON-TPL G	12.00	
				06/15/2012	M21	12 PPM					
				06/15/2012	VIS	Р	3002-11-1-WINE -			in the state of th	06/15/2012
3965.02	CONNECTOR/ FLANGE	3.00	ON PUMP 22P87 DISCHA TK80	RGE LINE 12' W OF					3027	VALUE OF THE STATE	
				06/14/2012	VIS	F	CON-FLG	06/14/2012	CON-CLA	2263.00	
				06/14/2012	M21	2263 PPM					
				06/14/2012	M21	1189 PPM		06/15/2012	CON-TFL G	10.00	
				06/15/2012	M21	10 PPM					
				06/15/2012	VIS	Р					06/15/2012
3987.02	CONNECTOR/ TUBCON	0.50	PUMP 22P86 FROM SEAL TK80	@ VLV 12' W OF			/ 14/8/882			11 11	
				06/14/2012	VIS	F	CON-TUB	06/14/2012	CON-CLA	3094.00	
				06/14/2012	M21	3094 PPM			China Na Cita Maria and China Cara C		
				06/14/2012	M21	1496 PPM		06/15/2012	CON-TC ON	12.00	
				06/15/2012	M21	12 PPM				and some superpression of the state of the s	
				06/15/2012	VIS	Р					06/15/2012
3998.02	CONNECTOR/ FLANGE	3.00	PUMP 22P85 ON SUCTION	N LINE W OF TK80					9.3000		
				06/18/2012	VIS	F	CON-FLG	06/18/2012	CON-CLA	1061.00	
				06/18/2012	M21	1061 PPM					

Program: NESHAPS-FF

9 <u>12</u> 6 8390 96					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Complete
				06/18/2012	M21	880 PPM		06/19/2012	CON-TF	22.00	*****
				06/19/2012	M21	22 PPM	-	00/13/2012	JON-11	22.00	iiin s
				06/19/2012	VIS	Р					06/19/201
3999.02	CONNECTOR/ FLANGE	3.00	PUMP 22P85 ON SUCTION	LINE W OF TK80							00110/201
				06/18/2012	VIS	F	CON-FLG	06/18/2012	CON-CLA	33300.00	
				06/18/2012	M21	33300 PPM			- 10 41	- 1000	
				06/18/2012	M21	6113 PPM		06/19/2012	CON-TFL G	166.00	
				06/19/2012	M21	166 PPM		mma			The second
				06/19/2012	VIS	Р		7057HOSSHWWW			06/19/2012
4000.04	CONNECTOR/ FLANGE	2.00	PUMP 22P85 ON SUCTION	LINE W OF TK80							
				06/18/2012	VIS	F	CON-FLG	06/18/2012	CON-CLA	568.00	
				06/18/2012	M21	568 PPM					
				06/18/2012	M21	3018 PPM		06/19/2012	CON-TFL G	70.00	
				06/19/2012	M21	70 PPM	waran jili)	
		77- (96 nomby 1		06/19/2012	VIS	Р					06/19/2012
1017.03	CONNECTOR/ PLUG	0.75	PUMP 22P85 ON FLARE LIN	NE W OF TK80							
				06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-CLA	632.00	
				06/14/2012	M21	632 PPM	MULTINA MULTINA ALI SUPPANA				
				06/14/2012	M21	981 PPM		06/15/2012	CON-TPL G	19.00	
				06/15/2012	M21	19 PPM		·····			
		K35.2.30.		06/15/2012	VIS	Р					06/15/2012
1052	VALVE/ ORBIT	6.00	S SIDE TK82 TOP BLK						C	**************************************	
				06/14/2012	VIS	F	VLV-PKG	06/14/2012	VLV-CL	683.00	

Program: NESHAPS-FF

Process l	Jnit: 02					AMERICAN AND STREET		and War War			
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				06/14/2012	M21	683 PPM					
				06/14/2012	M21	11800 PPM		06/15/2012	VLV-TP	0.00	
				06/15/2012	VIS	Р				Mary State of the	
				06/15/2012	M21	97 PPM	- Inwa			7,2,000,000	06/15/2012
4058.06	CONNECTOR/ FLANGE	16.00	S SIDE TK82 TOP BLK.BTM	FLANGE							
				06/14/2012	VIS	F	CON-FLG	06/14/2012	CON-CLA	95500.00	
				06/14/2012	M21	95500 PPM					
			•	06/14/2012	M21	9021 PPM					
				06/28/2012	VIS	Р		06/28/2012	CON-RG SK	58.00	
				06/28/2012	M21	58 PPM					06/28/2012
4061	VALVE/ ORBIT	6.00	S SIDE TK83 TOP BLK						- We		
			2	04/18/2012	M21	19700 PPM	VLV-PKG	04/18/2012	VLV-CL	30800.00	
				04/18/2012	M21	30800 PPM	Charles Commission	04/19/2012	VLV-TP	20.00	
				04/19/2012	M21	20 PPM			W. C C. C C. C.		04/19/2012
4061	VALVE/ ORBIT	6.00	S SIDE TK83 TOP BLK								XI - XX - X - X - X - X - X - X - X - X
			21 72	05/16/2012	VIS	F	VLV-PKG	05/16/2012	VLV-CL	15400.00	
			ŗ	05/16/2012	M21	15400 PPM					
				05/16/2012	M21	18700 PPM		05/17/2012	VLV-TP	6.00	
				05/17/2012	M21	6 РРМ				wayanin sa anyang ang sa	All and the second seco
				05/17/2012	VIS	Р	Company with the Halling Company				05/17/2012
4061.07	CONNECTOR/ FLANGE	16.00	S SIDE TK83 TOP BLK BLIND	BTM FLANGE							
				06/14/2012	VIS	F	CON-FLG	06/14/2012	CON-BO X	3839.00	
				06/14/2012	M21	3839 PPM			CARRAGE CONTROL OF THE CONTROL OF TH		
				06/14/2012	M21	1172 PPM		06/21/2012	CON-TFL G	0.00	
					anifet management and					<u> </u>	AND THE PARTY OF T

Program: NESHAPS-FF

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
a Pilonia i Romani				Anisthin assemble and Assemble St.							
				06/21/2012	VIS	Р					
***************************************				06/21/2012	M21	210 PPM	Andrew School		entinant.		06/21/201
4086.02	CONNECTOR/ PLUG	2.00	N SIDE TK81 BTM DRAIN UN	DERNEATH							
				06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-CLA	974.00	
				06/14/2012	M21	974 PPM	1 - C	110-110-1 - Alexandro		THE STATE OF THE S	
				06/14/2012	M21	1923 PPM		06/15/2012	CON-TPL G	160.00	
			,	06/15/2012	M21	160 PPM	***************************************				
4197.01	CONNECTOR/ PLUG	0.50	TK 83 S SIDE OVHD TEMP MT	06/15/2012 R	VIS	Р	7,70				06/15/2012
	PLUG			00/44/0040	1.00	e:			12/2/1/2017	0.200	
			9.5	06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-CLA	1202.00	
			-	06/14/2012	M21	1202 PPM					
			-	06/14/2012	M21	4479 PPM		06/15/2012	CON-TPL G	0.00	
			5 -	06/15/2012	VIS	Р _		11			
200	1-40		***	06/15/2012	M21	16 PPM			300000		06/15/2012
4204.01	CONNECTOR/ PLUG	0.75	TK 83 S SIDE OVHD BLDR						50.		
			<u></u>	06/14/2012	VIS	F	CON-PLG	06/14/2012	CON-CLA	7775.00	
				06/14/2012	M21	7775 PPM				115	
			_	06/14/2012	M21	3151 PPM		06/15/2012	CON-TPL G	0.00	
				06/15/2012	VIS	Р					
				06/15/2012	M21	8 PPM					06/15/2012
4221	VALVE/ ORBIT	6.00	TK 83 S SIDE BTM BLK UNDE	RNEATH							
			<u> </u>	06/18/2012	VIS	F	VLV-PKG	06/18/2012	VLV-CL	2705.00	
				06/18/2012	M21	2705 PPM					

Program: NESHAPS-FF

Process L	Init: 02											
Tag Number	Part / Type	Size	Location	Monitor	Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
					06/18/2012	M21	3653 PPM	***************************************	06/19/2012	VLV-TP	37.00	
			,		06/19/2012	M21	37 PPM	era a tra Comanan Aban				
			,	-	06/19/2012	VIS	Р					06/19/2012
4269.02	CONNECTOR/ PLUG	0.50	TK 81 S SIDE BTM BLDR @SG	3								
					06/20/2012	VIS	F	CON-PLG	06/20/2012	CON-CLA	787.00	
			•		06/20/2012	M21	787 PPM					
					06/20/2012	M21	126 PPM					
			101-3 m/m 2010.0 m		06/20/2012	VIS	P	0 m			in and any any and any any and any any and any any and any any and any any and any any and any any and any any any and any and any any and any any and any and any and any any any and any	06/20/2012
4272.07	CONNECTOR/ PLUG	0.50	TK 81 S SIDE BTM DrAIN									
			16		06/20/2012	VIS	F	CON-PLG	06/20/2012	CON-CLA	1128.00	
			% -		06/20/2012	M21	1128 PPM					
					06/20/2012	M21	1120 PPM		06/21/2012	CON-TPL G	0.00	
					06/21/2012	VIS	Р			10.		
			:-		06/21/2012	M21	39 PPM					06/21/2012
4275.01	CONNECTOR/ SCREWED	0.50	TK 81 S SIDE BTM BLK									
					06/20/2012	VIS	F	CON	06/20/2012	CON-CLA	928.00	
			·•		06/20/2012	M21	928 PPM				A	
			;		06/20/2012	M21	812 PPM		06/21/2012	CON-TC ON	0.00	
			e -		06/21/2012	VIS	Р			9992-9		
			35		06/21/2012	M21	5 PPM					06/21/2012

07/	220	10	2
UIII	23/2	UI	-

Program: NESHAPS-FF

Process L	Jnit	•	02
-----------	------	---	----

					rest		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed
Annual Advantage Committee							_				- Citipicica

Process Unit 02 Sur	nmary	
Component Count	Leak Count	
78	93	
14	15	
0	0	
0	0	
0	0	
64	78	
0	0	
0	0	
	78 14 0 0 0 64	78 93 14 15 0 0 0 0 0 0 0 0 64 78 0 0

07	22	mn	12
07/	231	20	12

Program: NESHAPS-FF

Process L	Init: 05			en e		auggighted II mass					
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
41427	CONNECTOR/ FLANGE	8.00	5V36 FLG. 3RD DECK S.W.	SIDE OF VESSEL							
				06/04/2012	VIS	F	CON-FLG	06/04/2012	CON-CLA	539.00	
				06/04/2012	M21	539 PPM					
				06/04/2012	M21	593 PPM	William Control	06/05/2012	CON-CLA	191.00	
				06/05/2012	M21	191 PPM					
				06/05/2012	VIS	Р			2111		06/05/2012

Program: NESHAPS-FF

	Process Unit: 05 Compliance Group: 04 Test Part Repair Remarker										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
4557.03	CONNECTOR/ PLUG	1.00	N SDE OF TK 507, BY STAIRS	S @ SAMPLE							
				03/30/2012	VIS	F		04/02/2012	CON-TPL G	2.00	
				04/02/2012	M21	2 PPM	1 Harris more	04/02/2012	CON-IPL G	0.00	
				04/02/2012	VIS	Р					
				04/02/2012	M21	5 PPM					04/02/2012

	Process Unit 05 Summary						
	Component Count	Leak Count					
Total in Group	2	2					
Total Valves	0	0					
Total Pumps	0	0					
Total Compressors	0	0					
Total Relief Valves	0	0					
Total Connectors	2	2					
Total Agitators	0	0					
Total Other Equipment	0	0					

Program: NESHAPS-FF

				Toet		Part	D			2000
Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Date Completed
VALVE	0.50		AND	areco alleais						
			04/12/2012	M21	526 PPM	VLV-PLUG	04/12/2012	VLV-CL	33.77	
			04/12/2012	M21	33.77 PPM	0.000				04/12/2012
			VALVE 0.50 BLOCK VLV NEAR PUM	VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012	VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012 M21	Part / Type Size Location Monitor Date Method PPM Reading VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012 M21 526 PPM	Part / Type Size Location Monitor Date Method PPM Reading Leaking VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012 M21 526 PPM VLV-PLUG	Part / Type Size Location Monitor Date Method PPM Reading Leaking Date VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012 M21 526 PPM VLV-PLUG 04/12/2012	Part / Type Size Location Monitor Date Method PPM Reading Leaking Date Method VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012 M21 526 PPM VLV-PLUG 04/12/2012 VLV-CL	Part / Type Size Location Monitor Date Method PPM Reading Leaking Date Method Reading VALVE 0.50 BLOCK VLV NEAR PUMPS 7P40 & 41 UNIFINER AND ALKY FLARE SYSTEM 04/12/2012 M21 526 PPM VLV-PLUG 04/12/2012 VLV-CL 33.77

	Process Unit 09 Summary					
	Component Count	Leak Count				
Total in Group	1	1				
Total Valves	1	1				
Total Pumps	0	0				
Total Compressors	0	0				
Total Relief Valves	0	0				
Total Connectors	0	0				
Total Agitators	0	0				
Total Other Equipment	o	0				

7/2.		

Program: NESHAPS-FF

Process	Ilnié .	11
LIOCE22	OIIIL.	14

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
30641 VAI	VALVE/ GATE	2.00	WATER BOOT 5FT W	OF 14V6 10 FT HI		The state of the s			Andrew Comment		
				04/10/2012	M21	682 PPM	VLV-PKG	04/10/2012	VLV-CL	104.00	
				04/10/2012	M21	104 PPM	WWX	1-11			04/10/2012

	Process Unit 14 Summary						
	Component Count	Leak Count					
Total in Group	1	1					
Total Valves	1	1					
Total Pumps	o o	0					
Total Compressors	0	0					
Total Relief Valves	0	0					
Total Connectors	0	0					
Total Agitators	0	0					
Total Other Equipment	O	0					

Program: NESHAPS-FF

Process	Ur	1it	•	19
	-		•	

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
0834 PUMP 0.00	PUMP	0.00	19P103 UNDER 19V6	1000							
		06/14/2012	VIS	F		06/15/2012	PMP-WS	0.00			
				20.000					E		
				06/15/2012	VIS	Р		-100 x 200 00 - 1		3000	
				06/15/2012	M21	10 PPM					06/15/2012

	Process Unit 19 Sun	nmary
	Component Count	Leak Count
Total in Group	1	7
Total Valves	o	0
Total Pumps	1	1
Total Compressors	o	0
Total Relief Valves	o	0
Total Connectors	O O	0
Total Agitators	0	0
Total Other Equipment	0	0

Program: NESHAPS-FF

Process L	Init: 29										m W = manomy v
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
11889	VALVE	0.00	20' EAST OF KVP BUILDING OF 4 BAY 6' WEST OF FENC						West House of the second		
				05/16/2012	VIS	F	VLV-PKG	05/16/2012	VLV-CL	781.00	
				05/16/2012	M21	781 PPM			254000000000000000000000000000000000000		
				05/16/2012	M21	1127 PPM	***************************************	05/18/2012	VLV-CP	45.00	
				05/18/2012	M21	45 PPM					
				05/18/2012	VIS	Р	400000000000000000000000000000000000000	train.	N		
				05/18/2012	M21	0 PPM		1-14-299			05/18/201
11889	VALVE	0.00	20' EAST OF KVP BUILDING (OF 4 BAY 6' WEST OF FENCI	STATE OF STA		Su e e					
				06/22/2012	M21	661 PPM	VLV-PKG	06/22/2012	VLV-CL	1421.00	
				06/22/2012	M21	1421 PPM		07/03/2012	VLV-TP	0.00	
				07/03/2012	M21	0 PPM					07/03/2012
11978.01	CONNECTOR/ SCREWED	0.50	40' NORTH WEST OF 29T40 (SIDE OF SUMP	ON SOUTH EAST				10.2 Fe vo			
				04/26/2012	M21	872 PPM	CON-SCR	04/26/2012	CON-CLA	6002.00	
				04/26/2012	M21	6002 PPM		04/27/2012	CON-CLA	137.00	
				04/27/2012	M21	137 PPM					04/27/2012
11979	VALVE/ GATE	0.50	40' NORTH WEST OF 29T40 (SIDE OF SUMP	ON SOUTH EAST					- m		
				04/26/2012	M21	15100 PPM	VLV-PKG	04/26/2012	ATTB	15000.00	
				04/26/2012	M21	15000 PPM		04/27/2012	VLV-TP	36.00	
				04/27/2012	M21	36 PPM					04/27/2012
1979.01	CONNECTOR/ SCREWED	0.50	40' NORTH WEST OF 29T40 (SIDE OF SUMP @ GAUGE	ON SOUTH EAST						5-11	
				04/26/2012	M21	3361 PPM	CON-SCR	04/26/2012	CON-CLA	5202.00	
				04/26/2012	M21	5202 PPM		04/27/2012	CON-CLA	120.00	
				04/27/2012	M21	120 PPM					04/27/2012

Program: NESHAPS-FF

Process L	Jnit : 29										
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
				Process Unit 2	9 Sumn	ary		$\overline{}$			
		Į.		Component Count	t	Leak Count					65
			Total in Group	4		5					
			Total Valves	2		3					
			Total Pumps	0		0					
			Total Compressors	0		0					
			Total Relief Valves	0		0					
			Total Connectors	2		2		-			
			Total Agitators	o		0					
			Total Other Equipment	0		0					

Program: NESHAPS-FF

Process L	Jnit: 34							Date-to			
Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
4955	VALVE/ WTR DRW	6.00	W SIDE OF TK116 NEAR STA	IRS							
				04/13/2012	M21	1197 PPM	VLV-SEL	04/13/2012	TBL	553.00	
			12	04/13/2012	M21	553 PPM		04/13/2012	TBL	640.00	
			· •	04/13/2012	M21	640 PPM		04/16/2012	VLV-CL	4.00	9.
				04/16/2012	M21	4 PPM					04/16/2012
5037	VALVE/ WTR DRW	6.00	SOUTH SIDE TK116								
				04/13/2012	M21	3095 PPM	WTR DRW CA	04/13/2012	VLV-CL	2518.00	
				04/13/2012	M21	2518 PPM		04/16/2012	VLV-CL	2.00	
				04/16/2012	M21	2 PPM					04/16/2012
5047	VALVE/ WTR DRW	6.00	EAST OF SIDE TK103								***************************************
				04/13/2012	M21	8984 PPM	WTR DRW CA	04/13/2012	VLV-CL	13700.00	
				04/13/2012	M21	13700 PPM		04/16/2012	VLV-CL	26.00	
				04/16/2012	M21	26 PPM					04/16/2012
5051	VALVE	6.00	SOUTH EAST SIDE TK118	04/13/2012	M21	1407 PPM	WTR DRW	04/13/2012	VLV-CL	1527.00	
			-	04/13/2012	M21	1527 PPM		04/16/2012	VLV-CL	15.00	
			-	04/16/2012	M21	15 PPM					04/16/2012
5215	VALVE/ WELDED	6.00	SOUTH WEST SIDE OF TK108								
				04/13/2012	M21	3963 PPM	VLV-CAP	04/13/2012	ATTB	2778.00	
			-	04/13/2012	M21	2778 PPM		04/16/2012	VLV-TCA P	27.00	
			-	04/16/2012	M21	27 PPM					04/16/2012
5217	VALVE/ WTR DRW	6.00	SOUTH EAST SIDE OF TK108								

Program: NESHAPS-FF

Tag Number	Part / Type	Size	Location	Monitor	Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
5217	VALVE/ WTR DRW	6.00	SOUTH EAST SIDE OF TK108	3								Completed
					04/13/2012	M21	709 PPM	VLV-CAP	04/13/2012	ATTB	565.00	
					04/13/2012	M21	565 PPM		04/16/2012	VLV-CL	24.00	
				SHOWING	04/16/2012	M21	24 PPM	****		-		04/16/2012
5244	VALVE/ WTR DRW	6.00	SOUTH WEST SIDE OF TK109	9 WATER	R DRAW					**************************************		
					04/13/2012	M21	2544 PPM	VLV-CAP	04/13/2012	ATTB	1830.00	
					04/13/2012	M21	1830 PPM		04/17/2012	VLV-CL	2.00	Wilder 1955
). -		04/17/2012	M21	2 PPM				Standown .	04/17/2012
5247	VALVE/ WTR DRW	6.00	SOUTH EAST SIDE OF TK109	WATER	DRAW							
			52	rs att	04/13/2012	M21	1487 PPM	VLV-CAP	04/13/2012	ATTB	3637.00	
					04/13/2012	M21	3637 PPM	7,000	04/16/2012	VLV-TCA P	31.00	
2 (2)			1. 		04/16/2012	M21	31 PPM					04/16/2012
5318	VALVE	6.00	EAST SIDE OF TK112									
			·-		04/16/2012	M21	686 PPM	VLV-CAP	04/16/2012	ATTB	823.00	
			·-		04/16/2012	M21	823 PPM	F :	04/16/2012	ATTB	3.00	
	i Cur		× × × × × × × × × × × × × × × × × × ×	10	04/17/2012	M21	3 PPM		04/17/2012	VLV-CL		04/17/2012
5365	VALVE	6.00	SOUTH OF TK113		Melallaud - V.							
			<u>.</u>		04/16/2012	M21	916 PPM	VLV-CAP	04/16/2012	ATTB	1176.00	
					04/16/2012	M21	1176 PPM		04/17/2012	VLV-CL	134.00	
					04/17/2012	M21	134 PPM					04/17/2012
5716.02	CONNECTOR/ COUPLING	1.00	CC ST#1. W SIDE TO SUMP									
					04/16/2012	M21	711 PPM	CN-TC	04/16/2012	CON-CLA	705.00	
					04/16/2012	M21	705 PPM		04/17/2012	CON-CLA	6.00	
			:!=		04/17/2012	M21	6 PPM					04/17/2012
5831	VALVE/ WTR DRW	6.00	NORTH EAST SIDE OF TK129									

Program: NESHAPS-FF

Reporting Period 04/01/2012 - 06/30/2012

Tag Number	Part / Type	Size	Location Mo	nitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
5831	VALVE/ WTR DRW	6.00	NORTH EAST SIDE OF TK129								
				04/17/2012	M21	589 PPM	VLV-CAP	04/17/2012	ATTB	19.04	
				04/17/2012	M21	19.04 PPM			- 300		04/17/201
5858	VALVE	0.00	SOUTH WEST SIDE OF TK130	04/17/2012	M21	888 PPM	VLV-SEL	04/17/2012	VLV-TCA P	98.49	
				04/17/2012	M21	98.49 PPM					04/17/201
5868	VALVE	6.00	NORTH EAST SIDE OF TK128 NEW WATER Draw	AR STAIRS							
			P	04/17/2012	M21	1699 PPM	VLV-SEL	04/17/2012	ATTB	636.00	
				04/17/2012	M21	636 PPM		04/18/2012	TBL	4.00	
				04/18/2012	M21	4 PPM	WASSENS & LAW TOTAL		397		04/18/201
5878	VALVE	6.00	NORTH EAST SIDE OF TK127 WA	TER Draw							
				04/17/2012	M21	6551 PPM	VLV-SEL	04/17/2012	TBL	8093.00	
			_	04/17/2012	M21	8093 PPM		04/18/2012	VLV-CL	5.00	
Waste Live Town				04/18/2012	M21	5 PPM					04/18/2012
5881A	VALVE	6.00	NORTH SIDE OF TK126 NEAR CAT WATER Draw	TWALK							
				04/17/2012	M21	947 PPM	VLV-SEL	04/17/2012	TBL	1297.00	
				04/17/2012	M21	1297 PPM		04/18/2012	VLV-CL	3.00	
				04/18/2012	M21	3 PPM					04/18/2012
5882	VALVE	6.00	SOUTH SIDE OF TK125 WATER D				#/900-1-1-U-#000/ CU		.v= 80%	NAMES	
				04/17/2012	M21	2857 PPM	VLV-SEL	04/17/2012	TBL	1627.00	
				04/17/2012	M21	1627 PPM		04/18/2012	VLV-CL	4.00	
				04/18/2012	M21	4 PPM					04/18/2012
5884	VALVE	6.00	WEST SIDE OF TK125 WATER Dra	04/17/2012	M21	1216 PPM	VLV-SEL	04/17/2012	TBL	137.00	
			·	04/17/2012	M21	137 PPM					04/17/2012

35

07/23/20	1	2
01123/20	ı.	c

Program: NESHAPS-FF

Process	ı	ni	+	٠	34
FIUCESS	u		ı		34

					Test		Part	Repair	Repair	Remonitor	Date
Tag Number	Part / Type	Size	Location	Monitor Date	Method	PPM Reading	Leaking	Date	Method	Reading	Completed

	Process Unit 34 Sur	nmary
	Component Count	Leak Count
Total in Group	18	18
Total Valves	17	17
Total Pumps	0	0
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	1	1
Total Agitators	0	0
Total Other Equipment	0	0

Program: NESHAPS-FF

Tag Number	Part / Type	Size	Location	Monitor Date	Test Method	PPM Reading	Part Leaking	Repair Date	Repair Method	Remonitor Reading	Date Completed
30551	PUMP/ CENTRIF	0.00	PUMP AT AA-10 -2 TERM								
				03/27/2012	VIS	F	PMP-SEAL	03/27/2012	PMP-WS E	38200.00	
				03/27/2012	M21	38200 PPM				31110 1193-11 11 11 11 11 11 1	
				03/27/2012	M21	4216 PPM		03/28/2012	PMP-WS E	120.00	
				03/28/2012	M21	120 PPM				410 -0	
				04/05/2012	VIS	Р					04/05/2012

	A CONTRACTOR OF THE CONTRACTOR	C25 25522 1529
	Component Count	Leak Count
Total in Group	1	1
Total Valves	0	0
Total Pumps	1	1
Total Compressors	0	0
Total Relief Valves	0	0
Total Connectors	0	0
Total Agitators	o	0
Total Other Equipment	O	ñ

Table 9 Michigan Refining Division Second Quarter End of Line Calculations

		S1	S2	S3a	S3b	S7	S4	S5	S6	
)12		Sand Filter Effluent	29T40/41	Centrifuge Solids	29T12	29T47	Vacuum Truck	Miscellaneous	Spent Caustic	Monthly Total (k
	Individual	0.05	220.00	0.21	1.00	0.27	三月2年安州区金融 附后在1	SEST THE RESIDENCE	BIT COLUMN TO BE	STATE OF STREET
	Sample	0.02	2.97	0.35	0.03	0.10	CONTRACTOR STATE	Britisher Carlo D. S.	E CAMPILLE MANAGE	學的影響的學
	Results	0.07	126.67	1.43	1.00	0.61	State of the Local	1 32 7 25 24 24 24 24 25 25	S. BARRES	第二十二十二十二
	(ppm)	0.01	303.33	0.96	1.25	0.56	TANAL TANAL TEN	drawn Superior	A STANSAULTER	新新疆。 加亚特别
	Average						· · · · · · · · · · · · · · · · · · ·	自体的 100 mm 150	BOOK POR LANGUAGE AND	
	Sample	1		I.		1 1	· 计图象数据系统		中国为其外的	
	Results	1					《公司是老金》的《张文明》	新教教教教教教教教	当为是1000000000000000000000000000000000000	是西班通了"是"。
	(ppm)	0.04	163.24	0.74	0.82	0.38	福建筑和北京工会		Real Property	
	Waste		- 0.00		0.02	0.00		A DESCRIPTION OF THE SECOND	Management and Cold	高级技术的
	Volume			1			国际 经现代的企业			建筑
April-12	(gallons/m						Part of the second		医	
	onth)	57,590,784	0	825,140	108,000	33,111		建筑区域的外对		
	Waste	01,000,104		025,140	100,000	33,111			DOMESTICS NO.	10000000000000000000000000000000000000
	Amount			1	;		经验的基本企业			国际保险基础
		218 224 427		075 004			国共产的国际公司			医全型器位置的
	(kg) Monthly	218,321,427	0	375,064	294,372	125,521		2000年2月1日日初期		
	EOL									
	Benzene	1		1		4	(1)			
		1		1						
	Quantity	William .								
	(kg)*	8.23	0.00	0.28	0.24	0.05	122.52	0.00	0.17	131.48
	American	0.08	206,67	0.12	2.50	0.17	CLEAR SECTION & SOURCE	AND DESCRIPTION OF THE PARTY OF	THE RESERVE AND ADDRESS.	TOTAL EL MONTO DI MI
	Individual	0.04		0.74	1.00	1.37	2550W/2510V/201500000	中华中国中国中	British and a great	建筑工具,设设是
	Sample	0.01	176.67	0,59	1.00	1.96	SHALL HAR TOWN THE	AND THE RESERVE AND ADDRESS OF THE PERSON OF		
	Results	0.02	11.57	1.87	2.50	3.06	A STATE OF THE STA		TOTAL CONTRACTOR OF THE PARTY O	建筑地域的
	(ppm)	0.01	263.33	1.03	2.50	0.14			MANAGEMENT AND THE PARTY OF	
	Average				2.00	0.14	Massacratic State of the Control of		The state of the s	自我以外的
	Sample								SALES OF SALES	夏沙区 沙丘区 (1)
	Results			1			被加州的 计图象系统语	一定是对在这个区域	一种的复数形式	
	(ppm)	0.03	164.56	0.87	1.90	1.34	學的發展的影響			
	Waste	0.00	104.00	0.07	1.90	1.34	Different state of the state of	Landar Son for the Control		
May-12	Volume	1					基金的		(美国) 1000年110日	计算程序 计数数
880.00	(gallons/m					i i		。15年前學術演出	TANK THE PARTY OF	
	onth)	ER 145 000			227.22	5.25.2.2				建筑建筑建筑
	Waste	56,145,960	0	511,260	79,000	41,213		E CAMPINS ROOM		1000年11月1日 1000年1
	Amount						建 交流的 数据 2000年 3		ACT TO SECURE	
	Amount	040.044.000	-				的 。		经验证证	
	(kg) Monthly	212,844,230	0	232,391	215,327	156,235				
	Monthly									
	EOL			1	ŀ	8				
	Benzene	1		1			3			
	Quantity				1.		1			
	(kg)*	6.79	0.00	0.20	0.41	0.21	61.14	0.00	0.16	68.91
	Individual	0.0005		0.52	0.38	0.54	Partition The Design	计划在线图 共享效	THE RESERVE OF THE PERSON	The same of the same
	Sample	0.003	· ·	0.37	0.18	14.33	CONTRACTOR OF STREET	STATE	Control of the last	高度主流及外 地
	Results	0.0008	79.00	0.31	1.68	28.33	THE PERSON WAS AN EXCEPTED	THE OWNER WAS DOING	STORES OF THE	
	(ppm)	0.02	50.67	0.03	0.25	11.37				distribution and the second
	Average			0.00	0.20	11.07	MANUAL COLUMNS AND ADDRESS OF		PERSONAL PROPERTY.	The state of the state of
	Sample	1		1 !	. 18	1				
	Results	1		1			即於主義是在自己的			
	(ppm)	0.01	64.83	0.30	0.00	42.04				THE TOTAL PROPERTY.
	Waste	0.01	04.03	0,30	0.62	13.64		Calling to particular		SOFT STATE
	Volume						NA STATE OF THE ST		and the second	and the land
lune-12							THE PROPERTY OF THE PARTY OF TH	THE WEST PROPERTY.	医	美国大学
	(gallons/m	50 070 544	_				MATCH AND STREET	设在中华特别		
	onth)	56,372,544	0	326,480	114,000	29,088	(名) (1) (1) (1)			
	Waste			The second secon			SERVICE SERVICE	发展加起了就是	Harving Assessment	EXPLANATION !
	Amount				- 8		THE REPORT OF THE PERSON NAMED IN	经验证证据		计数据数据
	(kg) Monthly	213,703,190	0	148,400	310,726	110,270		MATERIAL STREET		
	Monthly			- 30M607				The second second second	Commission of the Commission o	
	EOL									
	Benzene				33					
	Quantity				. 0	5				
	(kg)*	1.20	0.00	0.05	0.19	1.50	525.61		0.29	528.84
								0.00		

*For non-detect results, 1/2 the detection limit is used in the calculated quantity.

Quarterly Benzene totals (kg): 16.22 0.00 0.52 0.84 1.76 709.27 0.00 0.62 729.23

Second
Quarter
EOL
Benzene Second Quarter
Quantity EOL Benzene
(Mg): 0,72923 Quantity (Kg): 729.23

Table 10
BWON Inspections - Second Quarter 2012
Michigan Refining Division

Complex	Unit	Date	Service/Description	First Attempt	Recommended Fix	Final repair	Final Repair Date
3/4	N/A	4/24/2012	BWON Used/Slop Oil Drum M-2	Latch Lid	Latch Lid	Lid Latched	4/24/2012
4	N/A	4/26/2012	BWON Used/Slop Oil Drum 4-1	Latch Lid	Latch Lid	Lid Latched	4/26/2012
1	N/A	4/30/2012	BWON Used/Slop Oil Drum 1-6	Install new drum	Install new drum	New Drum installed	5/4/2012
1	N/A	4/30/2012	BWON Used/Slop Oil Drum 1-1	Latch Lid	Latch Lid	Lid Latched	4/30/2012
1	N/A	4/30/2012	BWON Used/Slop Oil Drum 1-3	Latch Lid	Latch Lid	Lid Latched	4/30/2012
1	N/A	4/30/2012	BWON Used/Slop Oil Drum 1-9	Latch Lid	Latch Lid	Lid Latched	4/30/2012
2	N/A	4/30/2012	BWON Used/Slop Oil Drum 2-1	Latch Lid	Latch Lid	Lid Latched	4/30/2012
2	N/A	4/30/2012	BWON Used/Slop Oil Drum 2-2	Latch Lid	Latch Lid	Lid Latched	4/30/2012
2	N/A	4/30/2012	BWON Used/Slop Oil Drum 2-3	Latch Lid	Latch Lid	Lid Latched	4/30/2012
2	N/A	4/30/2012	BWON Used/Slop Oil Drum 2-4	Latch Lid	Latch Lid	Lid Latched	4/30/2012
N/A	N/A	4/30/2012	BWON Used/Slop Oil Drum W-1	Latch Lid	Latch Lid	Lid Latched	4/30/2012
N/A	N/A	4/30/2012	BWON Used/Slop Oil Drum M-1	Latch Lid	Latch Lid	Lid Latched	4/30/2012
5	34	5/3/2012	Water Draw #5860 NW Side of Tank 130	Latch Lid	Latch Lid	Lid Latched	5/18/2012
1	29	5/3/2012	Carbon Canister #16	Replace Hose	Replace Hose	Hoses Replaced	5/17/2012
1	29	5/8/2012	Carbon Canister #12	Replace Hose	Replace Hose	Hoses Replaced	5/17/2012
1	N/A	5/31/2012	BWON Used/Slop Oil Drum 1-1	Latch Lid	Latch Lid	Lid Latched	5/31/2012
1	N/A	5/31/2012	BWON Used/Slop Oil Drum 1-10	Latch Lid	Latch Lid	Lid Latched	5/31/2012
1	N/A	5/31/2012	BWON Used/Slop Oil Drum 1-3	Latch Lid	Latch Lid	Lid Latched	5/31/2012
1	N/A	5/31/2012	BWON Used/Slop Oil Drum 1-8	Latch Lid	Latch Lid	Lid Latched	5/31/2012
2	N/A	5/31/2012	BWON Used/Slop Oil Drum 2-1	Latch Lid	Latch Lid	Lid Latched	5/31/2012
2	N/A	5/31/2012	BWON Used/Slop Oil Drum 2-3	Latch Lid	Latch Lid	Lid Latched	5/31/2012
N/A	N/A	5/31/2012	BWON Used/Slop Oil Drum L-1	Latch Lid	Latch Lid	Lid Latched	6/4/2012
N/A	N/A	5/31/2012	BWON Used/Slop Oil Drum W-1	Latch Lid	Latch Lid	Lid Latched	5/31/2012
N/A	N/A	5/31/2012	BWON Used/Slop Oil Drum M-1	Latch Lid	Latch Lid	Lid Latched	5/31/2012
N/A	N/A	6/28/2012	BWON Used/Slop Oil Drum 1-8	Latch Lid	Latch Lid	Lid Latched	6/28/2012
N/A	N/A	6/28/2012	BWON Used/Slop Oil Drum W-1	Latch Lid	Latch Lid	Lid Latched	6/28/2012
N/A	N/A	6/28/2012	BWON Used/Slop Oil Drum M-1	Latch Lid	Latch Lid	Lid Latched	6/28/2012

Tom Plane prior and presentant. Survival India	4 Express Package Service	Pechaper up to 150 lbs.
1 25-12 Senders Todax Account Number 2094-6778-0	MCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	MISTRE TO THE REAL PROPERTY.
Kelly Belton Mars 313, 297-6386	Feels Fred Districts	HUW FreEx 20th AM. Books Colony VCF colons
MARATHON PETROLEUS COSPANY LP	Feelia Prents Deproget	Fig.55x 20Jay Income quarter of femous." Providing of general are not assessed on terrolog values (ATMAN) Execute a section.
aren 1300 S FORT ST	Y feels Standard Developed	Force Express Saver Technology Not exists
N DETROIT No. 51 20 48217-1208	5 Packaging ***********************************	□ feets □ feets □ Date
our laternal Billing Reference HESS DEPT	5 Special Handling and Delivery Si	□ gos □ Tube □ □
STATE OF THE PROPERTY OF THE P	Does the elements of the control of	Cagnature Indicate Spanner I
DETROIT 500 M1 79 48202 0453186591	Service Enclosed Faculty Comments	Third Perty Creen Card CadyChai

from Please picked procedured. Sense of sets. 2.15.17. Sense of sets. 2094-6778-0	4 Express Package Service ************************************
Sudaria KELLY BERTERA Muni 313, 297-6386	Fordita Fast Opening W. Fordita Fast Opening W. Fordita Fast Opening W. Fordita Tillay A.M. Fordita Tillay A.M
COMPANY LE	FASE Prices Consists Indicate the Consists of
On DETROIT Sam MI 29 48217-1208 Your Internal Billing Reference	2 Satisfaction, Dante Des. Diets Desgo Des
U.S. ENVIRONMENTAL PROTECTION AGENCY REGION 5 - OFFICE OF REGIONAL COUNSEL 77 WEST JACKSON RD (C-14) CHICAGO, IL 60604 LICENSES CHICAGO, IL 60604	6 Special Heading and Dollmay Standard Options MANISON Control Contro
74	

Series AFELLY SERIERA PROPERTIES General MERCHANNIC COMPANY LE GENERAL	Express US Airbill 5770 7025 5788 From Phase pier sol post last Ens. 7:25-12 Seeke's local Accord Nobe 2094-5778-0	6 Express Peckage Service	Packages up to 100 ties forming over 10 ties as the sa-
Section Sect	Small KELLY BERTERA Purpl 313, 237-6386	Fault of the Congregate from the transfer to the process of the control to the process of the process of the congregate to the process of the congregate to the congress Fault of the congress of the transfer to the congress of the congress of the congress of the congress	Conference And Secretary Secre
Vost internal Billing Riderance		- Settle Stanfard Decreated	FedEx Express Sever
Director, Air Enforcement Division U.S. Environmental Protection Agency Useful Condition World Engineering, Inc. 26 Columbia Turnpike Florham Park, NJ 07932 Section	Your Luternal Billion Halerance		feeth feeth Deer
	Director, Air Enforcement Division U.S. Environmental Protection Agency Coccos CO Matrix New World Engineering, Inc. 26 Columbia Turnpike Florham Park, NJ 07932 Florham Park, NJ 07932 HQL Severe	SATISTICS Challenge Direct Super Seed Challenge S	Portion Indicated Signature Indicated Si

From Plaga-polar and president. Data 1 2 12 Sonator's Faults Account Names 205	4-6778-0	4 Express Packago Sarvice	for partiagne and fill file, use the an findle fragmen thought EV Arch
Sertary MELLY SERTERA Money 3	115 297-6386	fasts feet Courage	Forfex 2Day A.M. Income forms North
SHIPM MARATHON PETROLEUM COMPANY	LP	Entitle Prochy Descripte Introducer come Proch process as in more of the Committee of the Committee Fedite Sondard Descripte Fedite Sondard Descripte	Fedity Zing: As protopered of the Control Systems as a message of the Control Systems Fedity is present. Fedity Express Saver Period Singuistics of the Control Period Singuistics of the
Co. DETRIBLE Sum IT 24	+ 45212-1208	5 Packaging ***********************************	
Director, Air Enforcement Division U.S. Environmental Protection Agency C/O Matrix New World Engineering, Inc. 26 Columbia Turnpike Fiorham Park, NJ 07932	HCLD Weakfup The Common of the Common of th	Over this abbrevial contain the parameter of the beautiful for the parameter of the parameter of the beautiful for the beau	U. or helder form to how to grow the first of the first o

HI Chron plus ser passe band Sectors falls 10094-6778-0	4 Express Peckage Service ************************************	Prockages by to 150 lbs. For process and Mr. to the process Andle tops are frequent to the first
s I CO I C Accombanter 2011-57/01-0	The second second second	
200 KELLY BERTERA - Page 313, 297-6386	Feeds first Overright	Forth Zing A.M.
MARATHON PETROLEUM COMPANY LP	(seed bookships morning," frozing proprients and ties	mades 2Day
ana 1300 S FORT ST	Foodly Dandard Overnight Set Standard Standard Standard Set Standard Standard Standard Standard Standard Set Standard	edEx Express Saver extraction div extra Savet Mill savers
DETROIT DW MI 20 45217-1208	5 Packaging	feels feels Dear
or Internal Billing Reference	Fedis Environ*	FacEs FeeEs Desar
AIR & RADIATION DIVISION U.S EPA, REGION 5 77 WEST JACKSON BLVD. (AE-17J)	Special Hendling and Delivery Signature SPURPAY Secury All Security to the Memory house, faul, the size is habited Not Signature Required Participate of the Memory Many Signature Required Many Signature Required Many Signature Required Many Signature Security	indirect Signature From a second division is
CHICAGO, IL 60604 ATTN: COMPILANCE OFFICER	Visit Visit Service Community Visit Service Community Co	Corp. Current Service Corp.
THE PARTY CONTRACTOR OF THE PARTY OF THE PARTY CONTRACTOR OF THE PARTY CONTRAC	7 Payment &das	
0440979234	Sanger Let he have have have helpered. Third Port land his e-foots. Third Port lands have helpered.	Property and the second

Day 7-25-12		94-6778-0	4 Express Package Service '	
Second FILLY BE	RTERA Bunt	313 297-6386	ForEx First Overnight Index of out-on-to-out-out-on-to-out-on-to-out-on-to-out-on-to-out-on-to-out-on-to-out-out-out-out-out-out-out-out-out-	G Feeta Day A.M.
GROWN MARATHON	PETROLEUM COMPANY ORT ST	Des Part Andrea	FeEE Pricesy Overright for better of Monte Principal of the denter of Monte, and Ethic Principal of the denter of Monte, and Ethic Principal feEE Standard Overright feEE Standard Overright feeth better VI overright	Furtir 2Day Secretarian devices * Fureiry d'orient Secretarian devices * Fureiry d'orient Secretarian devices de la finite Furtir caretal Totalisma Day Salama Day Sa
On DETECTION		AP 48217-1208	5 Packaging ***********************************	□ feetis □ feets □ are
To Recurent's Name	Possel		6 Special Handling and Delivery S SATURDAY Delivery	Statistical
PROTECT OFFICE O 77 WEST CHICAGO	RONMENTAL TION AGENCY REGION 5 - F REGIONAL COUNSEL JACKSON RD (C-14J) , IL 60604	HOLD Weeksby	No Egypature Regioned Bree State Sta	present Display
Contract of the state	3/sts	6440979234	Lander	No or Graffic Cond the Southern Thing Perty Sector Card Sector Conductive Cond

From Process gibbs and person board Gree 725 2 Sandor's holds: Account Number 20094-67778-0	6 Express Package Service - Services Peckages up to 150-bit for the packages up to 150-bit for the packages and the first format for the packages of Anni	
South SELLY BERTERA Prox(313) 257-6386	FedEx Fed Oversition (Incomplete State State Stay A.M. State	
TORM ISON & FORT ST	Field Project Control of the Control of the State C	
See PI 20 48217-1208 Your Internal Dilling Reference PLANTAGE TO THE PROPERTY OF THE PROPERTY	5 Pickinging "beneficial better 1984" Feel's II feel's I	
No.	Special Numbing and Delivery Signature Options STATE OF S	